

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

A 532 -

FIELD NOTES

T8 SR 6E

Of the _____ Meridian,

in the State of _____

EXECUTED BY

Under special instructions dated _____, 19____, which provided
for the surveys included under Group No. _____, approved _____
and assignment instructions dated _____, 19____

Survey commenced _____, 19____

Survey completed _____, 19____

UNITED STATES
DEPARTMENT OF THE INTERIOR
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A 532 -

FIELD NOTES

T8 SR 6E

Of the _____ Meridian,

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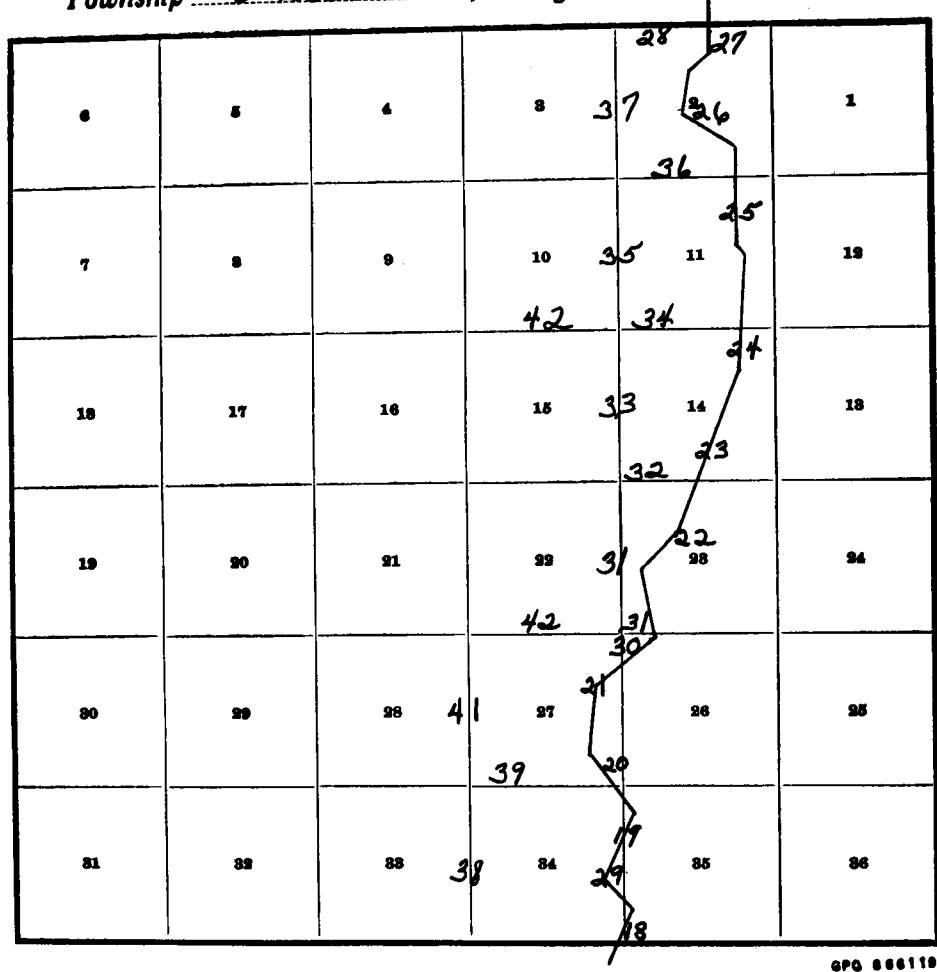
Survey commenced _____, 19____

Survey completed _____, 19____

1A

INDEX DIAGRAM

Township 8 South, Range 6 ^{East} ~~West~~



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DEPARTMENT OF THE INTERIOR
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FIELD NOTES

T 95 R 6 E

Of the Meridian,

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2A

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FIELD NOTES

Of the *Meridian,*

n the State of

EXECUTED BY

Under special instructions dated _____, 19____, which provided
for the surveys included under Group No. _____, approved _____
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Survey commenced, 19.....

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Township 13 South, Range 2 East

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19	20	21	22	23	24
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Township 13 South, Range 10 East

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26	27	28	29	30	35
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Township 13 South, Range 11 East

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	20	29	28	27	26	25
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Township 14 South, Range 6 East

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Township 14 South, Range 10 East

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29	28	28	27	26	25
31	32	33	34	35	36

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13	17	16	15	14	13
19	20	21	22	23	24
21	22	23	27	26	25
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18	17	16	15	254	14 243	13	235
				253	243		
19	20	21	22	252	241	24	234
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20	29	28	27	250	240	25	232
				249	239		
21	22	23	24	248	238	26	231

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Township 15 South, Range 14 East

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396						
393	393					
395						
7	8	9	10	11	12	
13	17	16	15	14	13	
19	20	21	22	23	24	
29	29	28	27	26	25	
31	32	33	34	35	36	

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Township 15 South, Range 13 East

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7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

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449	7 484	• 476	•	10	11	12	439
	483	482					
448	18 481	17 475	16 466	15	14	13	438
	480	479	474	465			
445	19 478	20 473	21 464	22 459	23 455	24	437
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	20	29 468	28 462	27 458	26 453	25	436
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		460	432	433	434		

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15A

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Township 15 South, Range 17 East

6	5	4	3	2	1
496	495				
7	8	9	10	11	12
497	498				
492	494	493			
13	17	16	15	14	18
19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

RECEIVED

U.S. DEPT. OF THE INTERIOR

Book "C"

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF THE

WEST BOUNDARY OF THE UINTAH INDIAN RESERVATION BETWEEN THE CLOSING CORNER

OF T₈ S. 8 AND 9 S., R. 6 E., AND THE BOUNDARY POST SET AT 120M + 20 CHAINS

SURVEY OF A PORTION OF THE NORTH BOUNDARY, DEPENDENT RESURVEY AND SURVEY

OF PORTIONS OF THE SUBDIVISION OF T. 8 S., R. 6 E.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Robert C. Yundt, Surveyor

J. C. Clark, Assistant Cadastral Engineer

Ralph Gentry, Cadastral Engineer

supplemental
under special instructions dated July 7, 1936, which provided
the surveys included under Group No. 236-Utah, bearing the approval of the
Commissioner of the General Land Office under date of October 3, 1936
and assignment instructions dated Oct. 3, 1937 and June 13, 1938, July 19, 1932 and
September 1, 1944

Survey commenced October 6, 1937, 1937

Survey completed September 11, 1944, 1944

INDEX DIAGRAM.

Township 8 South, Range 6 ~~West~~ ^{EAST}

6	5	4	3 20	11 10 120 11	1
7	8	9	10 18	19 8 11	2
18	17	16	25 15 16	17 14 7	15
19	20	21	22 14	15 6 23	24
30	29	28 24	25 14	13 4 26	25
31	32	33 21	22 3	2 13 35	36

T. 8 S., R. 6 E.

Chains

The survey was commenced October 6, 1937, and was executed with Buff and Buff solar transit number 9797. The horizontal plate of the instrument is provided with two double verniers, placed opposite to each other and graduated to single minutes of arc; and a full vertical circle provided with one double vernier, also graduated to single minutes of arc. The solar attachment of the instrument was not used on the survey and no description of it will be given in the notes. The instrument was approved for use on this work by the District Cadastral Engineer in assignment instructions dated Oct 3, 1937 and June 13, 1938, conditional upon satisfactory field tests. The required tests were made, prior to the commencement of the field work, and the transit found to be free from appreciable error.

The measurements were made with Lallie steel ribbon tapes, 8 chains in length. The tapes are graduated to single links for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in the notes.

The geographic position on the corner of sections 32 and 33 on the south boundary, determined from the information given in the special instructions is as follows: Latitude 40° 04' north, longitude 111° 16' west. This value for the latitude was checked by meridian solar observations and found to be correct.

The bearings of the lines of the survey were determined by reference to observations made on Polaris and altitude observations on the sun, made on line during the progress of the survey. One of these observations is given below. The lines were carried forward as transit lines, taking the mean of direct and reversed sights at each station.

October 8, 1937. At the 119th mile post on the West Boundary of the Uintah Indian Reservation Boundary, hereinafter described, at 6h 07m 20s p.m., by my watch which carries correct 105th meridian time as determined by radio signals from station KSL at 5:00 p.m. on this day, I observe Polaris, east of the meridian, making four settings of the transit, two each with the telescope in direct and reversed positions recording the time of the setting and the horizontal angle, turned counter clockwise from a well defined tree on the skyline about 1½ miles north, to the star:

Azimuth of Polaris	N. 1°18'45" E.
Horizontal angle	6°10'15"
Bearing of tree	N. 4°51'30" E.

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Reestablishment of surveys executed by A. H. Brown in 1903

113th and 114th Miles

Beginning at the closing corner of townships 8 and 9 south, range 6 east, established during the survey of township 9 south, range 6 east, of this group, an iron post, 2 ins. in diameter, firmly set, properly marked and witnessed as described in the official record:

Thence

N. 30° 45' E. along the 113th mile of the reservation boundary.

2.57

The 113th mile post, a badly decayed aspen post, 4x4x36 ins., with faint scribe marks, lying on the ground, with no evidence of its original position:

Continue on same line, with new measurement along the 114th mile of the reservation boundary.

Dependent Resurvey of the West Boundary of the Uintah Indian Reserve

miles 3

Chains

10.20 The closing corner of sections 34 and 35, hereinafter described.

12.80 Angle point set at 113 miles, 12.80 chains; a sandstone rock, 6x6x24 ins., firmly set in the ground and marked UIR on the east face and PL on the west face; I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
113M+12.80

T8S
R6E UIR
S35

1937

Raise a mound of stone, 3 ft. base and 2 ft. high, east of the post. Bury the original stone alongside the iron post.

Thence:

N. 39° 15' W., with continuous measurement along the 114th mile.

14.88 The closing corner of sections 34 and 35, hereinafter described.

38.97 The 113½ mile post, a squared cottonwood post, 5x5x18 ins. above ground, firmly set, and marked UIR on the east face and PL on the west face, and from which:

An aspen, 8 ins. in diameter, marked ½MAPBT, bears N. 70° 30' E., 42 links distant.

An aspen, 8 ins. in diameter, marked ½MAPBT, bears S. 18° 30' W., 32 links distant.

I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
113½M
T8S
R6E UIR
S34

1937

Bury the original post alongside the iron post.

Thence:

N. 20° 00' E., with continuous measurement, along the 114th mile.

78.89 The 114th mile post, an aspen post, 5x5x18 ins. above ground, firmly set, and with faint scribe marks on two opposite sides; I remonument the post as follows:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, with brass cap marked:

AP
114M
T8S
R6E UIR
S34

1937

from which

Reconnaissance Survey of the West Boundary of the Uintah Indian Reservation

Chains

An aspen, 5 ins. in diameter, marked 114MBT, bears N. 73° 45' E., 21 links distant.

An aspen, 7 ins. in diameter, marked 114MBT, bears S. 73° 45' W., 81 links distant.

Bury the original post alongside the iron post.

115th Mile

N. 37° 55' W., along the 115th mile.

The closing corner of sections 27 and 34, hereinafter described.

The angle point established at 31.80 chains on the 115th mile, an aspen post, 5x5x20 ins. above ground, firmly set, and with faint scribe marks on two faces, pits NE. and SE., and a mound of stone E.; I remonument the post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
114M+31.80
T8S
R6E / UIR
S27

1937

Bury the original post alongside the iron post.

Thence:

N. 9° 22' E., with continuous measurement.

The 114½ mile post, a squared aspen post, 5x5x18 ins. above ground, firmly set, and marked UIR on the east face, PL on the west face, and 3M on the south face, witnessed by pits to the northeast and southwest; I remonument the post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
114½M
T9S
R6E / UIR
S27

1937

Bury the original post alongside the iron post.

Thence:

N. 9° 25' E., with continuous measurement.

Proportionate distance: No trace of the original post set at 67.10 chains can be found:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the angle point, with brass cap marked:

21

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

AP
114M+67.10
T8S
R6E / UIR
S27

1937

Raise a mound of stone, 2 ft. base and $1\frac{1}{2}$ ft. high, east of the post.

Thence:

N. $39^{\circ} 45'$ E., with continuous measurement.

79.80

The 115th mile post, a squared aspen post, $5 \times 5 \times 18$ ins. above ground, marked 115M on the southwest, UIR on the southeast, and PL on the northwest faces; I remonument the post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
115M
T9S
R6E / UIR
S27

1937

Bury the original post alongside the iron post.

116th Mile

N. $39^{\circ} 45'$ E., along the 116th mile.

12.00

The closing corner of sections 26 and 27, hereinafter described.

25.53

The closing corner of sections 23 and 26, hereinafter described.

27.03

The angle point established at 27.00 chains, a sandstone rock, $6 \times 10 \times 14$ ins. above ground, firmly set, marked UIR on the east and PL on the west faces, witnessed by a mound of stone to the east. I remonument the post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
115M+27.00
T8S
R6E
S23

1937

Deposit the original stone alongside the iron post.

Thence:

N. $6^{\circ} 30'$ W., with continuous measurement.

40.03

Proportionate distance: No trace of the original 115 $\frac{1}{2}$ mile post can be found:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the 115 $\frac{1}{2}$ mile post, with brass cap marked:

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

115M

T8S

R6E

S23

UIR

1937

Raise a mound of stone, 2 ft. base and $1\frac{1}{2}$ ft. high east of the post.

60.03

The angle point established at 60.00 chains, a sandstone rock, 4x5x6 ins. above ground, firmly set, marked UIR on the east and PL on the northwest faces, witnessed by a mound of stone to the southeast; I remonument the post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP

115M+60.00

T8S

R6E

S23

UIR

1937

from which,

An aspen, 5 ins. in diameter, marked APBT, bears N. $19^{\circ} 30'$ E., 59 links distant.

A Douglas fir, 10 ins. in diameter, marked APBT, bears S. $56^{\circ} 00'$ E., 103 links distant.

Deposit the original stone alongside the iron post.

Thence:

N. $52^{\circ} 45'$ E., with continuous measurement.

80.03

The 116th mile post, a badly decayed aspen post, 5x5x18 ins. above ground, no visible marks remaining, from which,

An aspen, 10 ins. in diameter, marked 116MBT, bears N. $58^{\circ} 39'$ E., 143 links distant.

An aspen, 10 ins. in diameter, marked 116MBT, bears N. $60^{\circ} 32'$ W., 76 links distant.

No trace of the other original trees can be found.

I remonument the mile post as follows:

Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap marked:

AP

116M

T8S

R6E

S23

UIR

1937

Bury the original post alongside the iron post.

117th Mile

N. $52^{\circ} 45'$ E., along the 117th Mile.

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

12.00

The angle point set at 12.00 chains on the 117th mile, an aspen post 4x4x18 ins. above ground, firmly set, no visible marks remaining, and from which:

An aspen 10 ins. in diameter, marked APBT, bears N. 83° 40' E., 25 links distant.

An aspen stump, 14 ins. in diameter, with the remains of the original blaze still visible, bears N. 9° 30' E., 31 links distant.

I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 32 ins. in the ground, with brass cap marked:

AP
116M+12.00
T8S
R6E / UIR
S23
1937

Bury the original post alongside the iron post.

Thence:

N. 17° 45' E., with continuous measurement.

37.11

The closing corner of sections 14 and 23 hereinafter described:

40.00

The 116¹/₂ mile post, a badly decayed aspen post, projecting 4x4x10 ins. above ground, no visible marks remaining, and from which,

An aspen, 12 ins. in diameter, marked APBT, bears S. 26° 45' W., 36 links distant.

An aspen, 14 ins. in diameter, marked APBT, bears N. 28° 30' E., 42 links distant.

I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
116¹/₂M
T8S
R6E / UIR
S14
1937

Bury the original post alongside the iron post.

Continue on same line, with continuous measurement.

80.00

The 117th mile post, a pine stake, projecting 5x5x18 ins. above ground and surrounded by a mound of stone: I remonument the mile post as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 26 ins. in the ground and in a small mound of stone, with brass cap marked:

AP
117M
T8S
R6E / UIR
S14
1937

Bury the original post alongside the iron post.

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

118th Mile

118th Mile

N. 17° 45' E., along the 118th mile.

23.60 The angle point set at a record distance of 23.80 chains on the 118th mile, a badly decayed aspen post, projecting 4x4x13 ins. above ground, and from which,

An aspen, 16 ins. in diameter marked APBT, bears S. 47° 15' E., 60 links distant.

An aspen, 14 ins. in diameter, marked APBT, bears N. 39° 30' W., 3 links distant.

I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
117M+23.80
TBS
R6E / UIR
SL4

1937

Bury the original post alongside the iron post.

Thence:

N. 4° 07' E., with continuous measurement.

37.52 The closing corner of sections 11 and 14, hereinafter described.

39.73 Proportionate distance: No trace of the 117 $\frac{1}{2}$ mile post can be found.

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the 117 $\frac{1}{2}$ mile post, with brass cap marked:

AP
117 $\frac{1}{2}$ M
TBS
R6E / UIR
SL1

1937

Raise a mound of stone, 2 ft. base and 1 $\frac{1}{2}$ ft. high east of the post.

Continue on same line, with continuous measurement.

69.60 The angle point set at a record distance of 117 miles 70 chains, a sandstone rock projecting 4x4x10 ins. above ground, firmly set and marked UIR on the east face and PL on the west face, witnessed by a mound of stone to the east: I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
117M+70.00
TBS
R6E / UIR
SL1

1937

Deposit the original stone alongside the iron post.

Thence:

25

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

N. 21° 45' W., with continuous measurement.

79.65

Proportionate distance: No trace of the original 118th mile post can be found:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the restored 118th mile post, with brass cap marked:

AP
118M
T8S
R6E UIR
S11

1937

Raise a mound of stone 2 ft. base and 1½ ft. high east of the post.

119th Mile

N. 5° 43' W., along the 119th mile.

36.32

The closing corner of sections 2 and 11, hereinafter described:

40.02

Proportionate distance: No trace of the original 118½ mile post can be found:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the restored 118½ mile post, with brass cap marked:

AP
118½M
T8S
R6E UIR
S.2

1937

Raise a mound of stone, 2 ft. base and 1½ ft. high, east of the post.

Continue on same line, with continuous measurement.

66.04

Proportionate distance; no trace of the angle point can be found.

Set, an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the angle point at record distance of 118 miles 66 chains, with brass cap marked:

AP
118M+66.00
T8S
R6E UIR
S2

1937

Raise a mound of stone, 2 ft. base and 1½ ft. high, east of the post.

Thence:

N. 60° 26' W., with continuous measurement.

80.20

The 119th mile post, a pine post, 5x5x20 ins. above ground, firmly set, marked 119M on the southeast, PL on the southwest, and UIR on the northeast faces; I remonument the mile post as follows:

Dependent Resurvey of the West Boundary of the Uintah Indian Reservations

CHAINS

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
119M
T8S
R6E UIR
S2
1937

Raise a mound of stone, 2 ft. base and 1½ ft. high, northeast of the post, and bury the original post alongside the iron post.

120th Mile

N. 62° 41' W., along the 120th mile.

- 17.18 The angle point set at a record distance of 17.10 chains on the 120th mile, a sandstone rock, 14x4x10 ins. above ground, firmly set and marked PL on the west, UIR on the northeast, and AP on the southeast faces; I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

AP
119M+17.10
T8S
R6E UIR
S2
1937

Deposit the original stone alongside the iron post.

Thence:

N. 15° 15' E., with continuous measurement.

- 32.28 Proportionate distance: No trace of the original angle point can be found.

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the restored angle point, originally set at a record distance of 32.20 chains on the 120th mile, with brass cap marked

AP
119M+32.20
T8S
R6E UIR
S2
1937

from which,

An aspen, 5 ins. in diameter, marked APBT, bears S. 88° 00' W., 88 links distant.

Thence:

N. 42° 15' E., with continuous measurement.

- 40.08 Proportionate distance: No trace of the 119½ mile post can be found.

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the restored 119½ mile post, with brass cap marked:

AP
119M
T8S
R6E UIR

27

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

Raise a mound of stone, 2 ft. base and 1½ ft. high, east of the post.

Continue on same line, with continuous measurement.

51.08

Proportionate distance: The original stone marking the angle point set at 51.00 on the 120th mile was found in a camp fire, with no evidence of its original position.

Set an iron post, 3 ft. long and 1 in. in diameter, 28 ins. in the ground for the restored angle point, with brass cap marked:

AP
119M+51.00
T8S
R6E / UIR
S2
1937

Deposit the original stone alongside the iron post.

Thence:

N. 2° 00' E., with continuous measurement.

80.08

The 120th mile post, a badly decayed pine post, projecting 3x3x10 ins. above ground, with no visible marks remaining, and from which:

An aspen, 12 ins. in diameter, marked 120MUIRBT, bears ... 64° 25' E., 83 links distant.

An aspen, 12 ins. in diameter, marked 120MUIRBT, bears S. 35° 30' E., 82 links distant.

An aspen, 12 ins. in diameter, marked 120MUIRBT, bears S. 10° 22' W., 106 links distant.

An aspen, 12 ins. in diameter, marked 120MUIRBT, bears S. 63° 45' W., 89 links distant.

I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, with brass cap marked:

AP
120M
T8S
R6E / UIR
S2
1937

Deposit the original post alongside the iron post.

121st Mile

N. 2° 00' E., along the 121st mile.

10.00

The closing corner of townships 7 and 8 south, range 6 east, hereinafter described:

19.70

The angle point originally set at the record distance of 20.00 chains on the 121st mile, a sandstone rock, projecting 12x3x10 ins. above ground, and marked UIR on the east, PL on the west, and AP on the south faces: I remonument the angle point as follows:

Set an iron post, 3 ft. long and 1 in. in diameter, 26 ins. in the ground, and in a mound of stone, with brass cap marked:

Dependent Resurvey of the West Boundary of the Uintah Indian Reservation

Chains

120M+20.00

T7S
R6E UIRS35
1937

Deposit the original stone alongside the iron post.

Survey of the North Boundary of T. 8 S., R. 6 E.

The corner of sections 2, 3, 34, and 35, townships 7 and 8 south, range 6 east, is marked by a sandstone rock projecting 5x7x8 ins., above ground, marked with 2 notches on the east and 4 notches on the west edges. I remonument this corner as follows:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap marked:

T7SR6E
S34 | S35
S3 | S2
T8S
1937

Deposit the original corner stone alongside the iron post.

Thence:

East, on true line, between sections 2 and 35.

Over mountainous land, through scattered timber and a medium dense undergrowth, ascend 70 ft. along a SW. slope.

15.60 Draw, drains S. 60° W., ascend 670 ft. along a SW. slope.

40.00 On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$ S35
S2
1937

from which,

An aspen, 5 ins. in diameter, marked $\frac{1}{4}$ S2RT, bears S. 3° 45' W., 267 links distant.

An aspen, 6 ins. in diameter, marked $\frac{1}{4}$ S35BT, bears N. 15° 40' W., 262 links distant.

Station "Portal", recently established by the United States Coast and Geodetic Survey, bears N. 15° 00' E., 907 links distant. Lat. 40°09'41.832" N., and Long. 111°13'36.828"

Ascend along a SW. slope.

42.97 Intersect the West Boundary of the Uintah Indian Reservation at a point 10.43 chains N. 2° 00' E. of the 120th mile post, heretofore described, and:

At the point of intersection:

North Boundary of T. 8 S., R. 6 E. surveyed and marked

Chains

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the closing corner of townships 7 and 8 south, range 6 east, with brass cap marked:

T7S
R6E
S35
CC
S2
T8S
1937

Raise a mound of stone, 3 ft. base and 2 ft. high, west of the post. No suitable trees available for marking.

Land, rough mountain slopes; SW. exposure and drainage.
Soil, sandy to rocky loam, 2nd rate.
Timber, juniper, mahogany, and aspen.
Undergrowth, sagebrush, buck brush, service berry brush and weeds.
Fair grazing.

Subdivision of T. 8 S., R. 6 E.

The original corner of sections 2, 3, 34, and 35, townships 8 and 9 south, range 6 east, now a witness point, is a limestone rock, 6x8x10 ins. above ground, firmly set, properly marked and witnessed as described in the official record.

Thence:

N. 0° 08' E., on blank line, retracing between sections 34 and 35.

10.84

Intersect the West Boundary of the Uintah Indian Reservation at a point 2.60 chains S. 30° 45' W. of the angle point originally established at 12.80 chains on the 14th mile, heretofore described, and:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the closing corner of sections 34 and 35, with brass cap marked:

T8SR6E
S34 | S35
CC
UIR
1938

from which

An aspen, 10 ins. in diameter, marked T8SR6ES34CCBT, bears N. 78° 34' W., 299 links distant.

No other suitable tree available for marking.

Continue on same line, with continuous measurement on a dependent resurvey.

14.68

Intersect the West Boundary of the Uintah Indian Reservation at a point 2.00 chains N. 39° 15' W. of the angle point above described:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 34 and 35, with brass cap marked:

Subdivision of T. 8 S., R. 6 E.

Chains

UIR
S34 S35
T8SR6E
1938

Deposit a sandstone rock, 7x6x3 ins., marked with a cross (+) at the base of the post. No suitable trees available for marking.

Continue on same line, with continuous measurement, on blank line.

40.00

No trace of the original $\frac{1}{4}$ section corner can be found.

80.17

Proportionate distance. Point for the corner of sections 26, 27, 34, and 35; no trace of the original corner can be found: From this point the original $\frac{1}{4}$ section corner of sections 27 and 34 bears 40.11 chains S. 86° 04' W., hereafter described.

Beginning at the point for the corner of sections 26, 27, 34, and 35, above described:

Thence:

N. 0° 27' E., on blank line, retracing between sections 26 and 27.

40.00

No trace of the original $\frac{1}{4}$ section corner can be found.

69.77

Intersect the West Boundary of the Uintah Indian Reservation at a point 12.00 chains N. 39° 45' E., of the 115th mile post, heretofore described, and

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 26 and 27, with brass cap marked:

T8SR6E
S27 S26
CC
UIR
1938

From which,

A Douglas fir, 4 ins. in diameter, marked CCBT, bears S. 61° 45' W., 73 links distant.

Deposit the original stone alongside the iron post.

Continue on same line, with continuous measurement, on a dependent resurvey.

80.17

The corner of sections 22, 23, 26, and 27, a sandstone rock projecting 4x9x10 ins. above ground, and marked with 2 notches on the south and east edges, I remonument the corner as follows:

Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap marked:

T8SR6E
S22 S23
S27 S26
1937

from which,

Subdivision of T. 8 S., R. 6 E.

Chains

A Douglas fir, 18 ins. in diameter, marked T8SR6ES26BT,
bears S. 17° 00' E., 133 links distant.

A Douglas fir, 8 ins. in diameter, marked T8SR6ES22BT,
bears N. 18° 00' W., 122 links distant.

No other suitable trees available, for marking.

Land, rolling mountains; general SW. exposure and drainage.

Soil, deep gravelly loam, 2nd rate.

Timber, aspen, Douglas fir, and mahogany.

Undergrowth, sagebrush, service berry brush, and weeds. Grass.

Fair grazing.

East, between sections 23 and 26, on original survey.

Over mountainous land, through widely scattered timber and a medium dense undergrowth, ascend 130 ft. along a SW. slope.

8.57

Intersect the West Boundary of the Uintah Indian Reservation at a point 1.50 chains S. 39° 45' W. of the angle point originally set at 27.00 chains on the 116th mile, heretofore described, and:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 23 and 26, with brass cap marked:

T8SR6E
S23
C
C / UIR
S26
1937

Deposit a sandstone rock, 12x6x2 ins., marked with a cross (+) at the base of the post.

Land, rolling mountains; SW. exposure and drainage.

Soil, deep, gravelly loam, 2nd rate.

Timber, widely scattered aspen and fir.

Undergrowth, sagebrush and weeds. Grass.

Fair grazing.

Beginning at the corner of sections 22, 23, 26, and 27.

Thence:

N. 0° 03' E., between sections 22 and 23, on dependent resurvey.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 23 ft. along a SW. slope.

3.00 Spur, projects W., descend 180 ft. along a NW. slope.

10.80 Draw, drains S. 20° W., ascend 45 ft. along a SW. slope.

13.60 Small spur, projects S. 80° W., descend 100 ft. along a NW. slope.

21.10 Draw, drains S. 60° W., ascend 240 ft. along a SW. slope.

39.23 The 1/4 section corner, marked by a sandstone rock, 18x12x8 ins., marked 1/4 on the west face, firmly set in the ground, I remonument the 1/4 section corner as follows:

Subdivision of T. 8 S., R. 6 E.

Chains

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, with brass cap marked:

622 | S23

1938

Raise a mound of stone, 3 ft. base and 2 ft. high west of the post, and deposit the original stone alongside the iron post. No suitable trees available for marking.

Thence:

N. 0° 24' W., with continuous measurement.

Descend 295 ft. over a N. slope.

49.00' Draw, drains N. 80° W., ascend 85 ft. along a SW. slope.

53.50' Spur, projects N. 80° W., descend 130 ft. over a N. slope.

58.70' Draw, drains W., ascend 165 ft. along a SW. slope.

68.50' Spur, projects W., descend 230 ft. along a NW. slope.

77.17' The corner of sections 14, 15, 22, and 23, marked by a limestone rock, 24x12x10 ins., marked with 3 notches on the south and 2 notches on the east edges, firmly set in the ground. I remonument the corner as follows:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, with brass cap marked:

T8SR6E
S15 | S14

S22 | S23

1938

from which:

An alpine fir, 6 ins. in diameter, marked T8SR6ES14BT, bears N. 31° 00' E., 60 links distant.

An alpine fir, 10 ins. in diameter, marked T8SR6ES23BT, bears S. 78° 30' E., 42 links distant.

An alpine fir, 6 ins. in diameter, marked T8SR6ES22BT, bears S. 77° 15' W., 43 links distant.

A Douglas fir, 20 ins. in diameter, marked T8SR6ES15BT, bears N. 66° 00' W., 107 links distant.

Land, rough mountain slopes, W. exposure and drainage.

Soil, sandy to rocky loam, 2nd rate.

Timber, fir, aspen and pinon.

Undergrowth, sagebrush, service berry and oak brush. Grass.

Rair grazing.

East, on true line, between sections 14 and 23, original survey.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend along a broken NW. slope over small draws and spurs, putting NW.

Subdivision of T. 8 S., R. 6 E.

Chains

39.25

Intersect the west boundary of the Uintah Indian Reservation at a point 2.89 chains S. $17^{\circ} 45'$ W. of the $116\frac{1}{2}$ mile post, heretofore described, and:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 29 ins. in the ground, for the closing corner of sections 14 and 23, with brass cap marked:

T8S
R6E.
S14
CC ——— / UIR
S23
1938

from which,

An aspen, 5 ins. in diameter, marked T8SR6ES23CCBT, bears S. $81^{\circ} 30'$ W., 33 links distant.

An aspen, 10 ins. in diameter, marked T8SR6ES14CCBT, bears N. $81^{\circ} 30'$ W., 147 links distant.

Land, rough mountain slopes; NW. exposure and drainage.

Soil, sandy to gravelly loam, 2nd rate.

Timber, aspen and fir.

Undergrowth, sagebrush and service berry brush.

Fair grazing.

Beginning at the corner of sections 14, 15, 22, and 23.

Thence

N. $0^{\circ} 42'$ E. between sections 14 and 15, on dependent resurvey line.

Over mountainous land, through scattering timber and a medium dense undergrowth, descend 375 ft. along a NW. slope.

10.90 Branch of Fifth Water Creek, drains W., small stream of good water ascend 170 ft. along a SW. slope.

17.00 Spur, projects SW., descend 70 ft. along a NW. slope.

20.00 Draw, drains SW., ascend 235 ft. along a SE. slope.

24.10 Spur, projects W., descend 260 ft. along a NW. slope.

32.30 Branch of Fifth Water Creek, drains S. 80° W., ascend 75 ft. along a general S. slope.

38.42 Proportionate distance: No trace of the original $\frac{1}{4}$ section corner can be found:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
S15 | S14
1938

Raise a mound of stone, 2 ft. base and $1\frac{1}{2}$ ft. high west of the post. No suitable trees available for marking.

Subdivision of T. 8 S., R. 6 E.

- Ascend 70 ft. along a general S. slope.
- 6.70 Spur, projects S. 70° W., descend 160 ft. along a SW. slope.
- 30.90 Down, drains S. 50° W., ascend 50 ft. along a SW. slope.
- 36.90 Spur, projects W., descend 90 ft. along a NW. slope.
- 74.80 Branch of North Water Creek, drains S. 80° W., ascend 120 ft. along a SW. slope to the corner.
- 74.60 Old road bears E. and W.
- 76.96 Proportionate Distances No trace of the original corner can be found.
- Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the restored corner of sections 10, 11, 14, and 15, with brass cap marked

TOWNSHIP
S10 | S11
S15 | S14
1938

Raise a mound of stone, 7 ft. base and 2 ft. high, west of the post. No suitable trees available for marking.

Land, rough and broken mountain slopes; drainage S.
Soil, sandy to gravelly loam, 2nd rate.
Timber, aspen, fir, and mahogany.
Undergrowth, sagebrush and service berry brush. Grass.
Fair grazing.

East, on true line, between sections 11 and 14, original survey line.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 350 ft. along a general SW. slope.

- 40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the 1/4 section corner, with brass cap marked:

S11
S14
1938

from which,

An alpine fir, 7 ins. in diameter, marked GULLET,
bears N. 6° 00' E., 51 links distant.

No other suitable tree available for marking.

Continue ascent along a SW. slope.

- 59.64 Intersect the West Boundary of the Uintah Indian Reservation at a point 2.21 chains S. 4° 07' W. of the 11 1/2 mile post, heretofore described, and:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the closing corner of sections 11 and 14, with brass cap marked:

35

Subdivision of T. 8 S., R. 6 E.

Chains

T8S
R6E
S11
CC — UIR
S14
1938

from which,

An aspen, 14 ins. in diameter, marked T8SR6ES14CCBT,
bears S. 61° 45' W., 51 links distant.

An aspen, 12 ins. in diameter, marked T8SR6ES11CCBT,
bears N. 67° 00' W., 32 links distant.

Land, rough mountain slopes; drainage SW.

Soil, sandy to gravelly loam, 2nd rate.

Timber, aspen and fir.

Undergrowth, sagebrush and service berry brush. Grass.

Fair grazing.

Beginning at the corner of sections 10, 11, 14, and 15.

Thence:

N. 2° 15' W. between sections 10 and 11, on a dependent resurvey line.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 35 ft. along a SW. slope.

1.50 Spur, projects about 5 chains SW. to end, descend 230 ft. along a NW. slope.

10.30 Fifth Water Creek (dry), drains SW., old road in bottom, ascend 395 ft. along a SE. slope.

27.40 Spur, projects S. 70° W., descend 200 ft. along a N. slope.

38.51 The original $\frac{1}{4}$ section corner, a limestone rock, 12x12x10 ins., firmly set in the ground and marked $\frac{1}{4}$ on the west face:

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

S10 | S11
1938

from which,

A Douglas fir, 9 ins. in diameter, marked $\frac{1}{4}$ S11BT,
bears S. 89° 45' E., 59 links distant.

A Douglas fir, 6 ins. in diameter, marked $\frac{1}{4}$ S10BT,
bears S. 73° 00' W., 38 links distant.

Deposit the original stone alongside the iron post.

Thence:

N. 0° 11' W., with continuous measurement.

42.70 Draw, drains S. 80° W., ascend 305 ft. along a SW. slope.

67.80 Spur, projects S. 70° W., descend 250 ft. along a NW. slope.

Subdivision of T. 8 S., R. 6 E.

Chains

77.10 Draw, drains S. 70° W., ascend 15 ft. along a SW. slope.

77.46 The original corner of sections 2, 3, 10, and 11, a sandstone rock, 13x9x6 ins., marked with 5 notches on the south and 2 notches on the east edges, firmly set in the ground, from which:

An aspen, 5 ins. in diameter, marked T⁸SR6ES11BT, bears S. 67° 30' E., 10 links distant.

A Douglas fir, 12 ins. in diameter, marked T⁸SR6ES2BT, bears N. 24° 15' E., 10 links distant.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 2, 3, 10, and 11, with brass cap marked:

T ⁸ SR6E	
S3	S2
S10	S11

1937

Deposit the original stone alongside the iron post.

Land, rough mountain slopes; drainage, W.

Soil, sandy to rocky loam, 2nd rate.

Timber, aspen fir, and juniper.

Undergrowth, sagebrush and service berry brush. Grass.

Fair grazing.

East, on true line, between sections 2 and 11, original survey line.

Over mountainous land, through scattering timber and a medium dense undergrowth, along a S. slope.

1.30 Draw, drains S. 80° W., ascend 300 ft. along a NW. slope to the section corner.

20.80 Draw, drains SW., continue ascent along a SW. slope.

40.00 On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the section corner, with brass cap marked:

S2
S11

1937

Deposit a sandstone rock, 7x6x4 ins., marked with a cross (+) at the base of the post. No suitable trees available for marking.

Ascend 230 ft. along a SW. slope to the closing corner.

45.80 Old railroad grade, bears NW. and SE.

54.40 Old road, bears N. and S.

56.29 Intersect the West Boundary of the Uintah Indian Reservation at a point 3.70 chains S. 5° 43' E. of the 110th mile post, heretofore described,

37

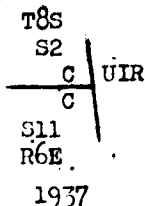
Subdivision of T. 8 S., R. 6 E.

Chains

antenn

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 28 ins. in the ground, for the closing corner of sections 2 and 11, with brass cap marked:



from which,

An aspen 3 ins. in diameter, marked CCBT, bears S. 14° 30' W., 22 links distant.

An aspen, 10 ins. in diameter, marked T8SR6ES2CCBT, bears N. 70° 45' W., 122 links distant.

Land, rough mountain slopes; SW. exposure and drainage. Soil, sandy to rocky loam, 3rd rate. Timber, aspen and fir. Undergrowth, sagebrush and service berry brush. Grass. Fair grazing.

Beginning at the corner of sections 2, 3, 10, and 11.

Thence:

N. 0° 09' W., between sections 2 and 3, on dependent resurvey line.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 240 ft. along a general SW. slope to the spur.

8.10 Draw, drains SW., continue ascent.

25.20 Spur, projects S. 20° W., descend along a NW. slope.

28.00 Draw, drains SW., ascend 120 ft. along a SW. slope.

37.80 Spur, projects W., descend along a NW. slope.

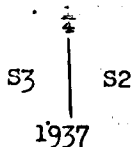
39.42 The original $\frac{1}{4}$ section corner, a sandstone projecting 10x9x3 ins. above ground, firmly set and marked $\frac{1}{4}$ on the west face, from which,

An aspen, 7 ins. in diameter, marked $\frac{1}{4}$ S2BT, bears S. 72° 00' E., 26 links distant.

An aspen, 10 ins. in diameter, marked $\frac{1}{4}$ S3BT, bears S. 2° 15' W., 31 links distant.

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit the original stone alongside the iron post.

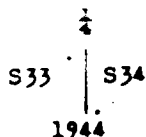
Thence:

Subdivision of T. 8 S., R. 6 E.

Chains	
	N. 0°21' E. with continuous measurement.
	Descend 60 ft. along a NW. slope.
50.60	Draw, drains SW., ascend 75 ft. along a SW. slope.
58.10	Spur, projects SW., descend 175 ft. along a NW. slope.
72.10	Draw, drains N. 60° W., ascend 50 ft. along a N. slope.
74.70	Spur, projects N. 80° W., descend 145 ft. along a NW. slope.
79.50	Small spring in a draw draining N. 80° W., ascend along a SW. slope.
88.50	Trail, bears N. 50° W. and S. 70° E.
89.80	Spur, projects N. 85°00' W., descend 60 ft. along a NW. slope.
93.50	Draw, drains W., Ascend 190 ft. along a SW. slope to the spur.
96.90	Road, bears N. 40° W. and S. 70° E.
102.70	Spur, projects SW., descend 145 ft. along a NW. slope.
108.40	Draw, drains S. 85° W., ascend 125 ft. along a general S. slope.
112.68	The corner of sections 2, 3, 34, and 35, on the north boundary of the township.
	Land, rough mountain slopes; W. exposure and drainage. Soil, sandy to gravelly loam, 2ns rate. Timber, aspen, fir, and pine. Undergrowth, sagebrush, serviceberry, weeds, and grass. Fair grazing.
	<hr/>
	Beginning at the corner of sections 33 and 34 on the south boundary of the township, marked by an iron post, 2 ins. in diameter, firmly set in the ground, properly marked and witnessed as described in the official record:
	Thence:
	N. 0°22' E. on a dependent resurvey between sections 33 and 34.
	Over mountainous land, through scattering timber and a dense undergrowth; ascend along a gentle SE. slope.
11.00	Flat topped ridge, bears E. and W., descend 175 ft. along a NE. slope.
39.04	The $\frac{1}{4}$ section corner of sections 33 and 34, marked by a sandstone rock, 20x12x6 ins., firmly set in the ground and marked $\frac{1}{4}$ on the north face, and from which: A Douglas fir, 14 ins. in diameter, marked $\frac{1}{4}$ S33BT, bears N. 30°00' W., 21 links distant.
	At the corner point:
	Set an iron post, 5 ft. long and 1 in. in diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

Subdivision of T. 8 S., R. 6 E.

Chains



from which

An aspen, 3 ins. in diameter, marked BT only, bears N. 67°30' E., 25 links distant.
Deposit the original stone alongside the iron post.

Thence:

N. 0°16' E. with continuous measurement.

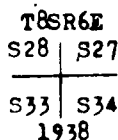
Descend 645 ft. along a general N. slope.

77.80 Draw, drains W., small stream of good water in the bottom, ascend 30 ft. over a S. slope.

78.07 The corner of sections 27, 28, 33, and 34, marked by a sandstone rock, 16x13x10 ins., firmly set in the ground, and marked with 3 grooves on the east and 2 grooves on the south faces; witnessed by a mound of stone to the west:

At the same point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 27, 28, 33, and 34, with brass cap marked:



from which

An aspen, 4 ins. in diameter, marked BT only, bears N. 88°15' E., 50 links distant.

An aspen, 7 ins. in diameter, marked T8SR6ES34BT, bears S. 13°30' E., 36 links distant.

An aspen, 6 ins. in diameter, marked T8SR6ES33BT, bears S. 59°00' W., 46 links distant.

An aspen, 4 ins. in diameter, marked BT only, bears N. 30°15' W., 62 links distant.

Deposit the original stone alongside the iron post.

Land, rough mountain slopes; drainage, W.

Soil, sandy to gravelly loam, 3rd rate.

Timber, aspen, fir, and spruce.

Undergrowth, sagebrush, serviceberry, cherry, weeds, and grass.

Fair grazing.

N. 89°43' E. on a dependent resurvey between sections 27 and 34.

Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 220 ft. along a SW. slope.

10.00 Spar, projects S., descend along a SE. slope.

Subdivision of T4 S. 8. S. 14. E. 1.

Chains

13.30 Draw, drains S. 10° W., ascend 355 ft. along a SW. slope to the spur.

15.70 Trail, bears N. and S. 10° E.

24.70 Spur, projects S., descend along a SE. slope.

30.00 Trail, bears S. 30° E. and N. 20° W. in the bottom of a draw draining S. 30° E., ascend along a SW. slope.

38.87 The $\frac{1}{4}$ section corner, marked by a limestone rock, 18x10x4 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the north face, witnessed by a mound of stone to the north: At the same point:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

S27
S34
1938

Deposit the original stone alongside the iron post.

Thence:

N. 66°04' E. with continuous measurement.

Ascend 145 ft. along a W. slope.

45.00 Spur, projects S. 10° E., descend along a SE. slope.

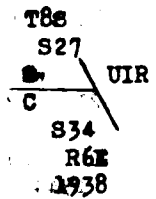
53.20 Draw, drains S., ascend 240 ft. along a SW. slope.

60.60 On top of Reservation Ridge:

Intersect the west boundary of the Uintah Indian Reservation at a point 10.86 chains N. 37°55' W. of the 114th mile post, and:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 27 and 34, with brass cap marked:



from which,

An aspen, 4 ins. in diameter, marked BT. only, bears S. 34°15' W., 19 links distant.

An aspen, 4 ins. in diameter, marked BT. only, bears N. 43°30' W., 35 links distant.

Continue on same line with continuous measurement.

78.98 Point for the restored corner of sections 26, 27, 34, and 35, heretofore described.

Land, rough and broken mountain slopes. Drainage, SW.
Soil, sandy to gravelly loam, 3rd rate.
Timber, fir, pine, and aspen.
Undergrowth, sagebrush and serviceberry brush.
Fair grazing.

Subdivision of T. 8 S., R. 6 E.

Chains

Beginning at the corner of sections 27, 28, 33, and 34:

Thence:

N. 0°22' E. on a dependent resurvey between sections 27 and 28.

Over mountainous land, through medium dense timber and medium dense undergrowth; ascend 275 ft. along a SW. slope.

16.40 Spur, projects W., descend 185 ft. along a NW. slope.

25.80 Draw, drains S. 80° W., ascend 460 ft. along a general SE. slope.

39.89 The section corner of sections 27 and 28, marked by a sandstone rock, 14x10x8 ins., firmly set in the ground and in a mound of stone, and marked $\frac{1}{4}$ on the west face: At the same point:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

	$\frac{1}{4}$	
S28		S27
1944		

Deposit the original stone alongside the iron post.

Thence:

N. 0°50' W. with continuous measurement.

Ascend 105 ft. along a SW. slope. to the spur.

48.00 Trail, bears N. 70° W. and S. 70° E.

49.40 Spur, projects W., descend 545 ft. along a NW. slope.

79.66 The corner of sections 21, 22, 27, and 28, marked by a sandstone rock, 18x12x5 ins. firmly set in the ground and in a mound of stone, and marked with 3 grooves on the east and 2 grooves on the south edges: At the same point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 21, 22, 27, and 28, with brass cap marked:

T8SR6E	
S21	S22
S28 S27	
1944	

from which,

An aspen, 5 ins. in diameter, marked T8SR6E322BT, bears N. 22°00' E., 10 links distant.

An aspen, 5 ins. in diameter, marked T8SR6E327BT, bears S. 69°00' E. 5 links distant.

An aspen, 5 ins. in diameter, marked T8SR6E328BT, bears S. 28°30' W., 21 links distant.

An aspen, 5 ins. in diameter, marked T8SR6E321BT, bears N. 86°00' W., 10 links distant.

Deposit the original stone alongside the iron post.

Land, rough mountain slopes, W. exposure and drainage.

Soil, gravelly to rocky loam, 3rd rate.

Timber, fir, aspen, and pine.

Undergrowth, sagebrush, cherry, serviceberry, weeds, and grass.

Chains	
	Fair grazing.
31.86	Of section nearest surveyed in record, N. 89° 27' E. on a dependent resurvey between sections 22 and 27. Over mountainous land, through scattering timber and a dense undergrowth; ascend 275 ft. along a NW. slope.
39.86	Proportionate distance: No trace of the original $\frac{1}{4}$ section corner being found: Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the restored $\frac{1}{4}$ section corner, with brass cap marked: $\begin{array}{r} S22 \\ \frac{1}{4} \\ S27 \end{array}$ 1944 from which A Douglas fir, 14 ins. in diameter, marked $\frac{1}{4}$ S22BT, bears N. 49° 45' E., 75 links distant. No other suitable tree available for marking. Ascend 340 ft. along a NW. slope to the corner.
45.00	Shallow draw, drains N., small stream of good water in the bottom.
49.00	Low spur, projects N. about 5 chains to end.
68.00	Draw, drains N. 70° W., continue ascent along a SW. slope.
79.72	The corner of sections 22, 23, 26, and 27. Land, rough mountain slopes; NW. exposure and drainage. Soil, gravelly to rocky mountain loam, 3rd rate. Timber, aspen, fir, and oak. Undergrowth, serviceberry, cherry, sagebrush, weeds, and grass. Fair grazing.
	The $\frac{1}{4}$ section corner of sections 10 and 15 is marked by a sandstone rock, 24x12x10 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the north face, and witnessed by a mound of stone to the north: I re-monument this point as follows: Set an iron post, 3 ft. long and 1 in. in diameter, 15 ins. in the ground to solid rock, and in a mound of stone, with brass cap marked: $\begin{array}{r} S10 \\ \frac{1}{4} \\ S15 \end{array}$ 1938 Deposit the original stone alongside the iron post. Note: From the $\frac{1}{4}$ section corner the original corner of sections 9, 10, 15, and 16, a sandstone rock conforming to the record, bears 39.62 chains S. 82° 22' W.

Chains

From the $\frac{1}{2}$ section corner:

Thence:

S. $89^{\circ}36'$ E. on a dependent resurvey between sections 10 and 15.

Over mountainous land, through scattering timber and a medium dense undergrowth, descend 55 ft. along a SE. slope.

2.70 Draw, drains S., ascend 105 ft. along a SW. slope.

10.10 Spur, projects S. 10° W., descend along a SE. slope.

16.40 Draw, drains S., ascend 65 ft. along a SW. slope.

21.50 Spur, projects S. 10° E., descend 170 ft. along a SE. slope.

31.20 Fifth Water Creek, (dry) drains S. 20° W., a small spring of good water rises about 1 chain downstream; ascend 275 ft. along a SW. slope to the corner.

31.50 Old road, bears with the creek, continue ascent.

40.00 The restored corner of sections 10, 11, 14, and 15.

Land, rough mountain slopes; general SW. exposure and drainage.
Soil, sandy to gravelly loam, 2nd rate.
Timber, aspen, fir, and pine.
Undergrowth, sagebrush and serviceberry brush, grass.
Fair grazing.

General Description

The area covered by the survey consists of a narrow strip of rough, mountainous land along the western edge of Reservation Ridge. The drainage is westward into the tributaries of the Diamond Fork of Soldier Creek. In the bottoms of the larger draws and canyons are found small streams of good water.

The soil is a deep sandy to rocky clay loam, and contains a large amount of humus. It is of excellent character and may be classed as first and second rates.

A medium dense growth of aspen covers the entire area and there are scattered patches of fir, Douglas fir, spruce, juniper, and pine. The latter are found mainly on the slopes and in the draws and canyons.

A medium dense growth of sagebrush and serviceberry brush is found over the entire area, supplemented by a scattering growth of cherry, service berry, weeds, and grass. The land is well suited to grazing and the streams furnish an ample supply of water for the stock.

The land is within the Uintah National Forest, and there are no settlers.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Edgar B. Hayes	Principal Assistant
Merlin Brough	Principal Assistant
Robert Elliott Jr.	Chairman
Vernon Morgan	Flagman
George Snook	Flagman
Edgar Lingwall	Cornerman
John Casto	Cornerman
Ronald Ashby	Cornerman
George Trayner Jr.	Axeman
Robert B. Holmes	Axeman
Robert Gempler	Axeman
Fred Chappell	Axeman
Max Muir	Axeman
Ben B. Morton	Axeman
William Siegel	Axeman

CERTIFICATE OF SURVEYOR

e, Ralph Gentry, J. C. Clark and Robert C. Yundt....., HEREBY CERTIFY upon honor that,
supplemental
pursuance of special instructions bearing date of the 7th day of July, 1936,
received from the district cadastral engineer for Utah....., with assignment
Oct. 3, 1937, June 13, 1938
instructions dated July 19, 1932, and we have surveyed and resurveyed a portion of the
Sept. 1, 1944
north boundary and subdivision of T. 8 S., R. 6 E., and resurveyed the west boundary
of the Uintah Indian Reservation in T. 8 S.

of the Salt Lake Meridian, in the State of Utah....., which are
represented in the foregoing field notes as having been executed by me and under my direction; and that said
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah
October 5, 1944

Ralph Gentry Cadastral Engineer
Ralph Gentry
J. C. Clark Assistant Cadastral
J. C. Clark
Robert C. Yundt Associate Cadastral
Robert C. Yundt (formerly Surveyor)

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
Denver, Colo., January 26, 1945.

The foregoing field notes of the survey of and resurvey of part of the north boundary and
subdivision of T. 8 S., R. 6 E., and resurvey of the west boundary of the Uintah
Indian Reservation in T. 8 S.,

executed by Ralph Gentry, J. C. Clark, and Robert C. Yundt
supplemental
under special instructions dated July 7, 1936, and assignment
and June 13, 1938
instructions dated July 19, 1932, Oct. 3, 1937, Sept. 1, 1944 having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

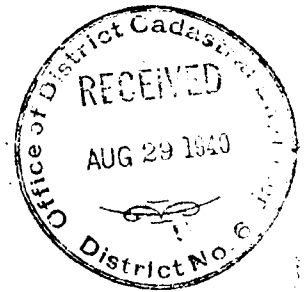
[Signature]
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys.~~

4-979
(April 1938)



B

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE NORTH BOUNDARY

AND

SURVEY OF THE SUBDIVISION OF

TOWNSHIP 9 SOUTH, RANGE 6 EAST.

Of the SALT LAKE Meridian,the State of UTAH

EXECUTED BY

RALPH GENTRY, CADASTRAL ENGINEER,ROBERT G. YONDT, SURVEYOR,WILSON McCONNIE, PUBLIC LAND SURVEYOR.

Under special instructions dated June 9, 1932, which provided
the surveys included under Group No. 236 - Utah, bearing the approval of the
Commissioner of the General Land Office under date of June 27, 1932,
and assignment instructions dated August 1, 1935, and June 13, 1938.

Survey commenced September 16, 1935,Survey completed September 10, 1938

INDEX DIAGRAM.

31 *Township* 9 South, *Range* 6 East

68	68 6 66	49 5 65	37 4 48	3 37	2	1
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69	61 18 59	45 17 58	35 16 43	26 15 34	16 14 25	18 15
69	57 19 56	42 20 55	33 21 41	24 22 32	14 23 23	24 12
70	54 30 53	40 29 52	30 28 39	21 27 29	11 26 20	25 9
70	50 31 71	38 32 38	28 33 28	19 24 19	8 35 8	36

T. 9 S., R. 6 E.

Test of Instruments.

The survey was commenced September 16, 1935, and was executed with Buff and Buff solar transits numbers 8028 and 9797. The instruments are equipped with Smith solar attachments and have full vertical circles. The horizontal limbs of the transits are provided with two double verniers, placed opposite to each other, and graduated to single minutes of arc, which is also the smallest graduation of the verniers of the latitude and declination arcs of the solar attachments, and the vertical circle. The azimuth determinations were accomplished by the use of the solar attachment, tested upon meridians established by observations on Polaris, or else by altitude observations on the sun.

The instruments were in good adjustment, and were approved for use on the survey by the District Cadastral Engineer in assignment instructions dated August 1, 1935, and June 13, 1938, conditional upon satisfactory field tests. These tests were made in the field, prior to the beginning of the field work, and were found to be free from appreciable error.

The geographic position of the southeast corner of the township, as determined from the special instructions, is as follows: latitude $39^{\circ}59'$ north, longitude $111^{\circ}11'$ west. This value for latitude was checked by field observations.

September 16, 1935: at camp, located in the northeast corner of section 2, T. 10 S., R. 6 E., in approximate latitude $39^{\circ}59'N.$, longitude $111^{\circ}12'W.$, I examine the adjustments of the instrument and correct all errors. I then test the solar attachment by comparing its indicated meridians with the true meridian established by observations made on Polaris.

At 8h 48m 10s a.m., l.m.t., I make an hour angle observation on Polaris, west of the meridian, making four settings, two each with the telescope in direct and reversed positions, and reading the deflection angle from a tree about a mile north on the ridge, west to Polaris.

Mean watch time of observation, which is 24m 36s fast of l.m.t., as determined by meridian observations on the sun, 9h 12m 46s a.m.

Azimuth of Polaris, - - - - -	$1^{\circ}20' W.$
Mean horizontal angle from tree, - - - - -	$1^{\circ}36' W.$
True bearing of tree, - - - - -	$N.0^{\circ}16' E.$

At 10h a.m., apparent time, I set off $39^{\circ}59'N.$ on the latitude arc, and $2^{\circ}50'N.$ on the declination arc, and determine a meridian with the solar attachment, which I find to agree with the true meridian.

To verify the latitude of the station and the reading of my watch, I make a meridian observation of the sun, observing, simultaneously, the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing, simultaneously, the transit of the sun's east limb and the altitude of the sun's upper limb:

Mean observed altitude of the sun's center, $52^{\circ}49'$	
Reduced latitude of my station, - - - - -	$39^{\circ}59' N.$
Mean watch time of observation, - - - - -	12h 19m 36s
Watch fast of local mean time, - - - - -	0h 24m 36s

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian with the solar attachment, and the resulting reading of the declination arc is $2^{\circ}48'N.$, which agrees with the computed declination of the sun.

T. 9 S., R. 6 E.

Chains

At 3h 30m p.m., apparent time, with the latitude are unchanged, I set off $2^{\circ}45'N.$ on the declination arc, and determine a meridian with the solar attachment, which I find to agree with the true meridian.

The measurements were made with Lallie steel ribbon tapes, 8 chains in length. The tapes are graduated every link for the first chain and thereafter at intervals of ten links. The tapes were tested by comparison with a Lufkin standard tape, one chain in length, and found to be correct. The distances were chained on the slopes, the vertical angles of the several intervals determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in the field note record.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY, T. 9 S., R. 6 E.

Reestablishment of the Survey executed by Adolph Jessen, Deputy Surveyor, in 1901, with the Establishment of Subdivisional Corners pertaining to T. 9 S., R. 6 E.

Beginning at the closing corner of T. 9 S., Rs. 5 and 6 E., an iron post, 3 ins. diameter, firmly set, properly marked and witnessed as described in the official record.

Thence

N. $86^{\circ}41'E.$, along the south boundary of section 31, T. 8 S., R. 6 E.

Over mountainous land; through scattering timber and a medium dense undergrowth; ascend along a NW. slope.

- 12.80 Ridge, bears NE. and SW.; descend 200 ft. along a SE. slope.
- 21.60 Draw, drains S. $15^{\circ}E.$; ascend 70 ft. along a W. slope.
- 26.30 Top of ascent on a S. slope; descend over an E. slope.
- 27.30 The $\frac{1}{4}$ section corner, a sandstone rock, 12x9x6 ins., firmly set in the ground, and in a mound of stone, and marked $\frac{1}{4}$ on the north face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner of section 31, only, with brass cap marked

$\frac{1}{4}S31$

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of the post, and deposit the original corner stone alongside the iron post.

Thence

S. $89^{\circ}36'E.$, with continuous measurement.

Descend 30 ft. along a SE. slope.

- 30.20 Ravine, drains S.; ascend 170 ft. along a W. slope.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY, T. 9 S., R. 6 E.

Chains

38.80 Ridge, bears NW. and SE.; descend over rolling top.

42.84 Westing of 80.00 chains from the closing corner of sections 5 and 6, T. 9 S., R. 6 E., hereinafter described.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the corner of lots 4 and 5, in section 6, with brass cap marked

5	4
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S6

T9SR6E

1938

from which

An aspen, 6 ins. diameter, marked T9SR6ES6L5BT, bears S.22°15'W., 81 links distant.

No other suitable tree available for marking.

Descend 260 ft. along a general NE. slope.

63.80 Small draw, drains S.70°E.; continue along a S. slope.

67.30 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the restored corner of sections 31 and 32, T. 8 S., R. 6 E., with brass cap marked

T8SR6E

S31	S32
-----	-----

S6

T9SR6E

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of the post.

Land, mountainous; NW. and S. exposure and drainage. Soil, heavy sandy clay loam, rocky, rich in humus; 2nd and 3rd rate.

Timber, scrub aspen.

Undergrowth, service, oak, choke cherry, deer browse, sagebrush, and weeds. Grass.

Excellent grazing.

S.89°36'E., along the south boundary of section 32, T. 8 S., R. 6 E.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 25 ft. along a SW. slope.

13.50 Spur, projects S.; descend along a SE. slope.

15.54 Westing of 40.00 chains from the closing corner of sections 5 and 6, T. 9 S., R. 6 E., hereinafter described.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground for the $\frac{1}{4}$ section corner of section 6, only, with brass cap marked

156

1938

from which

DEPENDENT RESURVEY OF THE NORTH BOUNDARY, T. 9 S., R. 6 E.

Chains

An oak, 6 ins. diameter, marked $\frac{1}{4}$ S6BT, bears S.89°00'E.,
13 links distant.

No other suitable tree available for marking.

Descend 40 ft. along a SE. slope.

21.40 Ravine, drains S.; ascend 75 ft. along a SW. slope.

30.00 Spur, projects S.; descend 60 ft. along a SE. slope.

38.20 Ravine, drains S.15°W.; ascend 25 ft. along a SW. slope.

40.00 The $\frac{1}{4}$ section corner, a sandstone rock, 12x12x9 ins.,
marked $\frac{1}{4}$ on the north face, firmly set in the ground,
and witnessed by a mound of stone to the north.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in
the ground, for the $\frac{1}{4}$ section corner of section 32, only,
with brass cap marked

$\frac{1}{4}$ S32

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of
the post. Deposit the original corner stone alongside
the iron post.

Thence

N.89°36'E., with continuous measurement.

Ascend 135 ft. along a SW. slope.

55.00 Spur, projects S.25°W.; descend 100 ft. along a SE. slope
to the ravine.

55.54 Point for the closing corner of sections 5 and 6, T. 9 S.,
R. 6 E., hereinafter described.

67.60 Old road, bears N. and S.

69.00 Ravine, drains SW.; ascend 110 ft. along a W. slope.

80.20 On top of spur, projecting SW.

The original corner of sections 4, 5, 32, and 33, a lime-
stone rock, 12x9x4 ins., firmly set in the ground, and in
a mound of stone, and marked with 4 notches on the east
and 2 notches on the west edges.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins.
in the ground, for the corner of sections 32 and 33, only,
with brass cap marked

T8SR6E

S32/S33

S5

T9SR6E

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of
the post. Deposit the original corner stone alongside the
post.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 9 S., R. 6 E.

Chains

Land, mountainous; S. exposure and drainage.
 Soil, heavy clay and sandy loam; rocky, 3rd rate.
 Timber, aspen and oak.
 Undergrowth, medium growth of sagebrush, and scattered service berry and oak brush, and deer browse; medium growth of grass and weeds.
 Good grazing.

N.89°05'E., along the south boundary of section 33, T. 8 S., R. 9 E.

Over mountainous land, through medium dense undergrowth of sagebrush, and scattered service berry and oak brush, and deer browse.

3.60 Draw, 15 ft. below section corner, drains SW.

15.34 Point midway in departure between the closing corners of sections 4 and 5, and of sections 5 and 6, hereinafter described.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 5, only, with brass cap marked

$\frac{1}{4}$ S5

1938

Raise a mound of stone, 3 ft. base, 2 ft. high, south of the post.

17.00 Spur, 200 ft. above draw, slopes SW.; descend SE. slope.

25.40 Draw, 25 ft. below spur, course S.25°W.; ascend SW. slope, entering dense choke cherry, deer browse, and scattered sagebrush; bears with draw.

35.00 Enter dense oak and scattered choke cherry, deer browse, service berry, and sagebrush; bears NW. and SE.

39.29 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground for $\frac{1}{4}$ section corner of section 33, only, with brass cap marked

$\frac{1}{4}$ S33

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of the post.

55.34 The closing corner of sections 4 and 5, T. 9 S., R. 6 E., hereinafter described.

59.00 Enter scattered undergrowth, bears N. and S.

67.00 Spur, 350 ft. above $\frac{1}{4}$ section corner, projects S.; descend over rolling SE. slope.

70.00 Enter medium dense aspen timber and undergrowth of choke cherry; bears NW. and SE.

78.58 On a SE. slope, 30 ft. below spur.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 9 S., R. 6 E.

Chains

The corner of sections 3, 4, 33, and 34, which is a sandstone rock, 16x9x9 ins., firmly set, and marked with 3 notches on the east and west edges, and from which

An aspen, 9 ins. diameter, marked T8SR6E S34BT, bears N.54°00'E., 17 links distant.

An aspen, 9 ins. diameter, marked T9SR6ES3BT, bears S.79°00'E., 21 links distant.

An aspen, 10 ins. diameter, marked T9SR6ES4BT, bears S.41°00'W., 98 links distant.

No evidence of the bearing tree in section 33 can be found.

I destroy the marks on the trees in sections 3 and 4, and

At the corner point

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the corner of sections 33 and 34, only, with brass cap marked

T8SR6E	
S33	S34
S4	
T9SR6E	
1935	

from which I mark

An aspen, 5 ins. diameter, marked T8SR6ES33BT, bears N.25°00'W., 29 links distant.

Deposit the original corner stone alongside the iron post.

Land, mountainous; SW. exposure and drainage.

Soil, heavy clay and sandy loam, rocky in places, rich in humus, 2nd and 3rd rate.

Timber, aspen.

Undergrowth, oak, service berry, choke cherry, deer browse, and sagebrush.

Excellent grazing land.

N.89°38'E., along the south boundary of section 34.

Descend along rolling SE. slope, over mountainous land, through medium dense timber, and undergrowth of choke cherry and deer browse.

- 7.60 Head of draw, 80 ft. below the section corner, course SE., thence descend gradually along a steep S. slope, leaving timber and entering medium dense oak, service berry, and scattered choke cherry and sagebrush, bears NW. and SE.

- 16.76 Easting of 40.00 chains from the closing corner of sections 4 and 5, on a steep S. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in a mound of stone to top, for the $\frac{1}{2}$ section corner of section 4, only, with brass cap marked

$\frac{1}{2}$ S4
1935

Raise a mound of stone, 3 ft. base, 2 ft. high, south of the post.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 9 S., R. 6 E.

Chains

33.00 Enter open draw, bears NE. and SW., thence across draw, draining SW.

39.19 On the E. side of draw, 150 ft. below draw, at 7.60 chain point.

The $\frac{1}{2}$ section corner, a sandstone rock, 6x6x3 ins., above ground, firmly set, and marked $\frac{1}{2}$ on the north face. No evidence of the bearing trees can be found.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, with the original corner monument deposited alongside, for the $\frac{1}{2}$ section corner of section 34, only, with brass cap marked

$\frac{1}{2}$ S34

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, north of the post.

Thence

N.89°02'E., with continuous measurement.

41.00 Leave bottom of draw, bears NW. and SE.; ascend NW. slope.

44.00 Enter medium dense aspen, and a few scattered balsam timber, and medium dense deer browse, and scattered service berry and choke cherry undergrowth, bears NE. and SW.

52.50 Top of ascent, 200 ft. above $\frac{1}{2}$ section corner, slopes N.; descend NE. slope.

55.00 Draw, 30 ft. below top of ascent, course S.60°W.; ascend SW. slope.

56.76 Easting of 80.00 chains from the closing corner of sections 4 and 5, on SW. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the corner of sections 3 and 4, with brass cap marked

T9SR6E

S34

34|S5

T9SR6E

1935

from which

An aspen, 5 ins. diameter, marked T9SR6ES3BT, bears S.29°45'E., 28 links distant.

An aspen, 6 ins. diameter, marked T9SR6ES4BT, bears S.9°30'W., 19 links distant.

65.00 Top of ascent, 120 ft. above draw, slopes N.; descend.

68.00 Recross draw, 20 ft. below top of ascent, course N.70°W.; ascend NW. slope.

72.49 Intersect the Uintah Indian Reservation boundary, S.30°45'W., 15.37 chains distant from the angle point on the 114th mile, located N.30°45'E., 12.80 chains distant

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 9 S., R. 6 E.

Chains

from the 113th mile post. No evidence of the 113th mile post could be found. This angle point is a sandstone rock, 12x12x8 ins., above ground, firmly set, and marked UIR on SE. and PL on NW. faces.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the closing corner of sections 3 and 34, with brass cap marked

T8S
R6E
CC $\frac{S34}{S3}$ UIR
T9S
1935

from which

An aspen, 5 ins. diameter, marked T9SR6ES3CCBT, bears S.42°00'W., 4 links distant.

An aspen, 6 ins. diameter, marked T8SR6ES34CCBT, bears N.49°30'W., 27 links distant.

- 79.01 The corner of sections 2, 3, 34, and 35, a sandstone rock, 6x6x4 ins., above ground, firmly set, and marked with 2 notches on the E. and 4 notches on the W. edges. I mark WP on top of the stone for witness point.

Land, mountainous; SW. exposure and drainage.
Soil, heavy clay and sand; rich in humus; 2nd and 3rd rate.
Timber, aspen and few scattered balsam.
Undergrowth, oak, service berry and sagebrush; grass and weeds.
Excellent grazing.

SUBDIVISION OF T. 9 S., R. 6 E.

Beginning at the corner of sections 1, 2, 35, and 36, on the south boundary of the township, an iron post, 3 ins. diameter, extending 12 ins. above ground, firmly set, properly marked and witnessed, as described in the official record.

Thence

N.0°01'W., between sections 35 and 36.

Over mountainous land, through scattering timber and a dense undergrowth; descend along a steep NW. slope.

- 3.70 Ravine, 130 ft. below corner, course W.; ascend a steep S. slope; leave fir, and enter juniper and pinon timber.
- 5.10 Forest Service Trail, bears E. and W.
- 11.00 Spur, 275 ft. above ravine, projects S.60°W.; descend N. slope.
- 21.40 Head of draw, draining W., Forest Service trail along bottom, bears E. and W.; ascend S. slope.
- 24.00 Spur, 30 ft. above draw, projects W.; descend N. slope.
- 30.60 Bottom of Mine Hollow, 125 ft. below spur, stream of clear water, 10 links wide, 3 ins. deep, in bottom, course S.60°W.; ascend along a SE. slope.

SUBDIVISION OF T. 20 S. R. 6 E. S. 1 E.

Chains

40.00 Top of ascent; 170 ft. above Mine Hollow; slopes E.
Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S35 | S36
 1935

from which

A juniper, 6 ins. diameter, bears S.21°45'E., 86 links distant, marked $\frac{1}{4}$ S36BT

A juniper, 8 ins. diameter, bears S.22°30'W., 48 links distant, marked $\frac{1}{4}$ S35 BT

Descend along E. slope.

47.40 Draw, 10 ft. below $\frac{1}{4}$ section corner, course S.30°E.; ascend SW. slope.

68.00 Spur, 350 ft. above draw, slopes SE.; descend NE. slope.

75.10 Draw, 90 ft. below spur, course SE.; ascend SW. slope.

80.00 On SW. slope, 90 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground for corner of sections 25, 26, 35, and 36, with brass cap marked

T9SR6E
 S26 | S25
 S35 | S36
 1935

from which

A mahogany, 8 ins. diameter, bears N.30°45'E., 24 links distant, marked T9S R6E S25 BT

A juniper, 6 ins. diameter, bears S.86°30'E., 40 links distant, marked T9S R6E S36 BT

No other suitable bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.

Land, mountainous; SW. exposure and drainage.

Soil, heavy clay and sandy loam; rocky; rich in humus; 3rd rate.

Timber, Douglas fir, balsam, aspen, juniper and pinon on portions of mile.

Undergrowth, oak, service berry, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass. Excellent grazing land.

East, on a random line, between sections 25 and 36.

40.00 Set temporary $\frac{1}{4}$ section corner.

79.88 Intersect E. boundary of township, 9 links N. of the corner of sections 25, 30, 31, and 36, which is an iron post, 3 ft. long, 3 ins. diameter, set, marked and witnessed, as described in the official record.

Thence

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

N.89°56'W., on true line, between sections 25 and 36.

Descend steep NW. slope over mountainous land, through medium dense undergrowth of oak, service berry, and deer browse brush.

- 1.00 Draw, 30 ft. below section corner, course N.; ascend NE. slope.
- 6.00 Top of ascent, 90 ft. above draw, slopes N.; descend steep NW. slope; entering dense fir timber, and undergrowth of deer browse; bears N. and S.
- 20.18 Intersect corner No. 3, Mud Hollow No. 1 Placer, which is a pine post, 4 ins. square, extending 4 ft. above the ground, marked 3-6865 on E., and M H 1 on S. face, mineral survey No. 6865.
- 22.00 Leave timber, enter dense undergrowth of service berry, choke cherry, deer browse and sagebrush, bears NE. and SW.
- 29.10 Mine Hollow, with stream of clear water, 6 links wide, 3 ins. deep, 440 ft. below top of ascent, course SW.; ascend steep SE. slope, entering scattered juniper and pinon timber, and dense undergrowth of oak, mahogany, service berry and sagebrush.
- 30.00 Forest Service Trail, bears NE. and SW.
- 39.94 On steep SE. slope, 320 ft. above Mine Hollow.

Set an iron post, 3 ft. long, 1 in. diameter, 24 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

S 25

S 36

.1935

from which

A juniper, 7 ins. diameter, bears S.26°45'E., 86 links distant, marked $\frac{1}{4}$ S36 BT

A mahogany, 6 ins. diameter, bears N.38°45'W., 26 links distant, marked $\frac{1}{4}$ S25 BT

- 41.00 Spur, 20 ft. above $\frac{1}{4}$ section corner, projects S.; descend.
- 47.50 Draw, 175 ft. below spur, course S.; ascend.
- 52.00 Spur, 60 ft. above draw, projects S.15°W.; descend steep W. slope.
- 62.90 Partridge Canyon, 230 ft. below spur, course S.; dense aspen timber along canyon; ascend steep E. slope.
- 63.20 Trail, along canyon, bears N. and S.
- 78.75 Top of ascent, 310 ft. above canyon, slopes SE.; descend.
- 79.88 The corner of sections 25, 26, 35, and 36, 20 ft. below top of ascent.

Land, mountainous; SW. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus; rocky, 3rd rate.

Timber, Douglas fir, balsam, juniper and pinon on

SUBDIVISION OF T. 9 S., R. 6 E.

Chains portions of mile.
Undergrowth, oak, mahogany, service berry, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass. Good grazing land.

N. 0° 01' W., between sections 25 and 26.

Ascend SW. slope over mountainous land, through medium dense undergrowth of oak and scattered service berry, deer browse, and sagebrush.

- 7.00 Spur, 180 ft. above section corner, slopes S. 20° E.; descend NE. slope.
- 13.90 Draw, 125 ft. below spur, course SE.; ascend S. slope.
- 20.00 Spur, 120 ft. above draw, slopes SE.; descend along E. slope.
- 30.00 Descend NE. slope.
- 40.00 On NE. slope, 200 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S26 S25
 1935

from which

A mahogany, 6 ins. diameter, bears N. 10° E. 75 links distant, marked $\frac{1}{4}$ S25 BT.

No other suitable bearing trees available.

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.

From the corner point, corner No. 2, Mineral Survey No. 6862, Kauffman No. 1 Placer, a 6x6 in. squared pine post, firmly set in and projecting 24 ins. above ground, marked 2x6862 K 1, on the northeast face, bears 7.34 chains W., also cor. No. 1, of the same survey, a pine post, 6 ins. diameter, projecting 3 ft. above ground, and marked 1x6862 K 1, bears 33.83 chains E. Retracement of this claim line shows it to be 41.17 chains in length instead of the record distance 40.00 chains.

- 44.50 Enter dense aspen timber, and undergrowth of choke cherry and deer browse, bears NW. and SE.
- 46.20 Trail, bears N. 20° W. and S. 20° E.
- 46.30 Partridge Canyon, 50 ft. below $\frac{1}{4}$ section corner, course S. 20° E.; ascend SW. slope.
- 49.00 Leave timber, enter dense undergrowth of oak and mahogany, bears NW. and SE.
- 67.50 Top of ascent, 300 ft. above canyon, slopes W.; descend NW. slope, entering dense aspen timber, and undergrowth of deer browse and choke cherry.
- 71.30 Partridge Canyon, 100 ft. below top of ascent, course SW.; ascend SW. slope.
- 72.00 Trail, bears NE. and SW.
- 75.00 Leave timber, enter dense undergrowth of oak, service berry, deer browse, mahogany, and sagebrush, bears NW. and SE.
- 80.00 On SW. slope, 200 ft. above canyon.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground for corner of sections 23, 24, 25, and 26, with brass cap marked

T9S R6E

S23 S24

S26 S25

1935

from which

A pine, 6 ins. diameter, bears N. 34° E., 51 links distant, marked T9S R6E S24 BT.

A balsam, 22 ins. diameter, bears S. 88° 30' W., 169 links distant, marked T9S R6E S26 BT.

A juniper, 8 ins. diameter, bears N. 19° 50' W., 185 links distant, marked T9S R6E S23 BT.

No other suitable bearing tree available.

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of corner.

Land, mountainous; SE. drainage.

Soil, sandy and heavy clay loam, rich in humus, rocky; 3rd rate.

Timber, aspen, and a few scattered Douglas fir and juniper on mile.

Undergrowth, oak, service berry, choke cherry, deer browse, mahogany, and sagebrush; medium growth of weeds and grass. Excellent grazing land.

S. 89° 56' E., on random line, between sections 24 and 25.

40.00 Set temporary ¼ section corner.

79.86 Intersect E. boundary of township, 21 links. S. of the cor. of sections 19, 24, 25, and 30, which is an iron post, 3 ins. diameter, extending 10 inches above the ground, with brass cap marked and witnessed as described in the official record.

From this corner the closing corner of sections 19 and 24, on the Uinta Indian Reservation Boundary, which is an iron post 3 ins. diam., conforming to the record, bears, North 16.66 chains distant. (Record 17.00)

At a point 2.52 chains north of sections 19, 24, 25, and 30, cor. No. 4 of Assyrian No. XV, placer, Survey No. 3323, identical with corner No. 7, Assyrian No. XVI, placer, which is a cedar stump 5 ins. sq., extending 4 ft. above the ground, marked 4-7-3323, and witnessed by one bearing tree, bears S. 53° 24' E., 14.06 chains distant.

Thence

S. 89° 55' W., on true line, between sections 24 and 25.

Along S. slope, over mountainous land, through scattered fir timber, and dense undergrowth of oak, service berry, choke cherry, mahogany, deer browse and manzanita.

0.60 Draw, course N. 30° W.; ascend steep E. slope.

6.25 Spur, 160 ft. above section corner, S. 5° W.; descend steep W. slope.

23.00 Shale ledge, 5 ft. high, bears N. and S.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 25.90 Bottom of canyon, 610 ft. below spur, course SW.; ascend SE. slope, leaving fir timber.
- 31.00 Top of ascent, 90 ft. above canyon, slopes S.; descend SW. slope.
- 34.10 Draw, 35 ft. below top of ascent, course S.30°E.; ascend steep E. slope.
- 39.93 On steep E. slope, 220 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diameter, 24 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

S 24
—
S 25
1935

At base of post deposit a sandstone, 6x4x4 ins., marked with a cross.

- 45.60 Spur, 200 ft. above $\frac{1}{4}$ section corner, projects S.5°W.

From this point, U.S.L.M.No.1, which is a pine post, 6 ins. diameter, marked U S L M 1 on S. face, bears S.5°08'W. 26.15 chains distant. Post is set in old mound of stone and earth, and nearly decayed off at the ground. At exact corner point, I reset post, 18 ins. in the ground.

Descend steep NW. slope.

- 46.90 Intersect line 4-1, Mineral Survey No. 6862, Kauffman No. 1 Placer claim at a point 0.37 chains S.1°14'E. of corner No. 4, an aspen post, 4 ins. diameter, projecting 30 ins. above ground, and marked 4x6862 K 1 on the southwest side. Line 4-1 of this claim was found to be S.1°14'E. 40.41 chains, instead of the record S. 40.00 chains.
- 55.47 Intersect line 3-4, Assyrian No.II, placer, Sur. No. 5323, N.23°46'E. 7.34 chains distant from corner No.3, which is a pine post, 4 ins. square, extending 3 ft. above the ground, marked 3-3323, and witnessed by two bearing trees.
- 57.00 Enter scattered fir timber, bears NW. and SE.
- 63.00 Leave fir timber, enter dense aspen timber, and undergrowth of choke cherry and deer browse, bears NE. and SW.
- 64.00 Bottom of canyon, 620 ft. below spur, course SW.; ascend SE. slope of Partridge Canyon.
- 65.20 Trail, bears NE. and SW.
- 68.00 Leave aspen timber, enter dense undergrowth of oak, service berry, deer browse, and sagebrush, bears NE. and SW.
- 77.00 Top of ascent, 190 ft. above canyon, slopes S.; descend SW. slope.
- 79.86 The corner of sections 23, 24, 25, and 26, 90 ft. below top of ascent.

Land, mountainous, with steep slopes; S. exposure and drainage.

Soil, sandy and clay loam; rich in humus; rocky in places;

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

2nd and 3rd rate.

Timber, Douglas fir, balsam and aspen on portions of mile. Undergrowth, oak, service berry, mahogany, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.

Good grazing land.

N.0°01'W., between sections 23 and 24.

Ascend SW. slope, over mountainous land, through medium dense undergrowth of oak; service berry, and deer browse.

- 0.86 Intersect line 3-4; Mineral Survey No. 6862, Kauffman No. 1 Placer claim at a point 7.29 chains S.89°21'E. of corner No. 3, an aspen post, 5 ins. diameter, and projecting 30 ins. above ground, marked 3X6862 on the southeast face. Line 3-2 of this claim was found to be S.0°04'W. 40.87 chains instead of the record of S. 40.00 chains, and line 3-4 to be S.89°21'E., 40.25 chs., instead of East 40.00 chs.
- 13.70 Intersect line 4 - 5, Assyrian No. XI placer, survey No. 3323, S.34°04'E., 5.11 chains distant from corner No. 4, identical with corner No. 1, Assyrian No. XII placer, which is a pine post, 4 ins. square, extending 3 ft. above the ground, marked 4-1-3323, and witnessed by one bearing tree.
- 27.10 Intersect line 3-2, Assyrian No. XII, survey No. 3323, S.80°23'E., 16.47 chains distant, from corner No. 3, which is a pine post, 4 ins. square, extending 3 ft. above the ground, and marked 3-3323.
- 33.00 Top of ascent on ridge, slopes SW., ridge bears NE. and SW.; descend NW. slope.
- 40.00 On NW. slope, 100 ft. below top of ascent on ridge.
- Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked
- $\frac{1}{4}$
 S23 | S24
 1935
- from which
- A Douglas fir, 12 ins. diameter, bears N.11°E., 29 links distant, marked $\frac{1}{4}$ S24 BT
- A Douglas fir, 8 ins. diameter, bears N.32°W., 88 links distant, marked $\frac{1}{4}$ S23 BT
- 41.00 Enter medium dense aspen and scattered fir timber, and undergrowth of choke cherry and deer browse, bears NE. and SW.
- 49.00 Ravine, 200 ft. below $\frac{1}{4}$ section corner, course SW.; ascend steep S. slope, leaving timber and entering dense undergrowth of oak, service berry, and deer browse, bears NE. and SW.
- 58.50 Spur, 310 ft. above ravine, slopes S.80°W.; descend steep N. slope, entering dense aspen and scattered fir timber, and undergrowth of deer browse and choke cherry.
- 64.00 Descend NW. slope; entering dense fir and scattered aspen timber, bears E. and W.
- 72.50 Ravine, 375 ft. below spur, course S.80°W.; ascend

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

steep SW. slope.

60.00 On steep SW. slope, 240 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diameter, 27 ins. in the ground, and in mound of stone to top, for corner of sections 13, 14, 23, and 24, with brass cap marked

T9S R6E	
S14	S13
S23	S24
1935	

from which

A balsam, 10 ins. diameter, bears N.75°E., 68 links distant, marked T9S R6E S13 BT.

A Douglas fir, 10 ins. diameter, bears S.70°30'E., 68 links distant, marked T9S R6E S24 BT.

A balsam, 24 ins. diameter, bears S.26°45'W., 48 links distant, marked T9S R6E S23 BT.

A balsam, 12 ins. diameter, bears N.23°15'W., 29 links distant, marked T9S R6E S14 BT.

Land, mountainous with steep slopes; S. drainage on S. half mile, and SW. drainage on N. half mile.

Soil, heavy clay and sandy loam, rich in humus; rocky in places; 2nd and 3rd. rate.

Timber, Douglas fir, balsam and aspen on portions of mile.

Undergrowth, oak, service berry, choke cherry, and deer browse; medium growth of weeds and grass.

Excellent grazing land.

N.89°55'E., on true line, between sections 13 and 24.

Ascend steep SW. slope, over mountainous land, through medium dense fir timber, and undergrowth of deer browse.

3.00 Top of ascent, 50 ft. above section corner, slopes S.; descend steep SE. slope, entering scattered fir timber, and medium dense undergrowth of oak, service berry, and deer browse.

7.50 Ravine, 80 ft. below top of ascent, course SW.; ascend steep W. slope.

10.00 Leave fir timber, enter dense aspen, and undergrowth of deer browse and choke cherry, bears NE. and SW.

19.00 Leave aspen, enter medium dense sagebrush, and scattered service berry and deer browse, bears N. and S.

29.00 Top of ridge and divide, 750 ft. above ravine, bears E. and N.20°W.; thence along rolling top of ridge, entering aspen timber, bears NW. and SE.

40.00 On rolling top of ridge.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$	S 13
	S 24
	1935

from which

An aspen, 7 ins. diameter, bears N.30°E., 17 links distant, marked $\frac{1}{4}$ S13 BT.

An aspen, 7 ins. diameter, bears S.2°30'E., 32 links distant, marked $\frac{1}{4}$ S 24 BT.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

49.08 Intersect Uintah Indian Reservation Boundary, S.24°E., 2.89 links distant, from angle corner on 107th mile, which is an aspen post, nearly decayed off near the ground and marked UIR on NE. and PL on SW. faces. From the 107th mile corner this angle corner bears S.89°00'E., 20.00 chs. dist.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing corner of sections 13 and 24, with brass cap marked

T9S
S13
CC ——— UIR
S24
R6E
1935

from which

An aspen, 10 ins. diameter, bears S.29°W., 36 links distant, marked T9S R6E S24 CC BT.

An aspen, 7 ins. diameter, bears N.52°W., 32 links distant, marked T9S R6E S13 CC BT.

From the half mile corner on the 108th mile of the Uinta Indian Reservation Boundary, marked by an aspen post conforming to the record, the next angle corner bears N. 47° 15' E., 21.70 chains distant, (record 22.70 chains); a sandstone, conforming to the record, and from this point the next angle corner bears N. 33° 15' W., 5.54 chains distant (record 4.60 chains), an aspen post, conforming to the record.

Land, mountainous, with steep slopes; SW. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.

Timber, Douglas fir, balsam and aspen on portions of mile.

Undergrowth, oak, service berry, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.

Good grazing land.

From the corner of sections 13, 14, 23, and 24,

N.0°01'W., between sections 13 and 14.

Ascend steep SW. slope over mountainous land, through medium dense fir timber, and undergrowth of deer browse and scattered choke cherry and sagebrush.

- 5.25 Spur, 160 ft. above section corner, projects S.70°W.; descend N. slope.
- 11.75 Ravine, 160 ft. below spur, course S.80°W., ascend steep S. slope.
- 14.00 Ascend SW. slope.
- 18.00 Spur, 115 ft. above ravine, slopes S.75°W.; descend NW. slope.
- 22.80 Ravine, 30 ft. below spur, course S.70°W.; ascend steep S. slope.
- 32.50 Spur, 280 ft. above ravine, slopes S.55°W.; descend NW. slope.
- 38.60 Ravine, 65 ft. below spur, course W.; ascend S. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

40.00 On S. slope, 40 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

S14 S13
1935

from which

A balsam, 6 ins. diameter, bears N.14°30'E., 93 links distant, marked $\frac{1}{4}$ S13 BT

A balsam, 10 ins. diameter, bears N.9°45'W., 200 links distant, marked $\frac{1}{4}$ S14 BT

41.00 Spur, 10 ft. above $\frac{1}{4}$ section corner, slopes W.; descend N. slope.

46.70 Ravine, 130 ft. below spur, course N.70°W.; ascend SW. slope.

49.00 Top of ascent, 150 ft. above ravine, slopes W.; descend steep N. slope.

52.00 Ravine, 100 ft. below top of ascent, course W.; ascend steep SW. slope.

55.00 Top of ascent, 80 ft. above ravine, slopes W.; descend NW. slope.

57.90 Ravine, 10 ft. below top of ascent, course SW.; ascend SW. slope.

61.00 Ascend along W. slope.

65.00 Ascend steep SW. slope, entering dense aspen timber, and dense undergrowth of choke cherry and deer browse, bears NW. and SE.

75.20 Forks of Forest Service Trail, bears W. and NW. from the SE.; leave aspen timber, enter dense undergrowth of sage, deer browse and choke cherry brush, bears W. and SE.

80.00 On steep SW. slope, 540 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diameter, 20 ins. in the ground to solid rock, and in a mound of stone to top, for corner of sections 11, 12, 13, and 14, with brass cap marked

T9S R6E
S11 S12
S14 S13
1935

from which

A Douglas fir, 12 ins. diameter, bears N.16°15'E., 184 links distant, marked T9S R6E S12 BT

A Douglas fir, 6 ins. diameter, bears S.63°E., 228 links distant, marked T9S R6E S13 BT

A Limber pine, 10 ins. diameter, bears S.20°W., 158 links distant, marked T9S R6E S14 BT

A Douglas fir, 8 ins. diameter, bears N.33°30'W., 164 links distant, marked T9S R6E S11 BT

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Land, mountainous, with steep slopes; SW. exposure and drainage.
 Soil, sandy and heavy clay loam, rich in humus, rocky in places; 2nd and 3rd rate.
 Timber, Douglas fir, balsam, and aspen on portions of mile.
 Undergrowth, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.
 Good grazing land.

N.89°55'E., on true line, between sections 12 and 13.

Ascend steep SW. slope, over mountainous land, through medium dense undergrowth of sagebrush and deer browse.

6.00 Trail, bears N.10°W. and S.10°E.

6.50 Top of ridge and divide, 160 ft. above section corner, bears N.10°W. and S.10°E.; descend E. slope.

8.69 Intersect Uintah Indian Reservation Boundary, S.19°15'E. 18.89 chains distant from angle corner on 109th mile, which is a shale stone, 10x6x6 ins., above the ground, firmly set and marked UIR on E. and on W. sides. This angle corner bears N.48°30'E. 5.00 chains distant from the $\frac{1}{2}$ mile corner on 109th mile.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground for closing corner of sections 12 and 13, with brass cap marked

	T9S	
CC	S12	UIR
	S13	
	R6E	
	1935	

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.

Land, mountainous; SW. exposure.
 Soil, sandy and heavy clay loam, rich in humus, rocky in places; 2nd and 3rd rate.
 No timber.
 Undergrowth, medium dense sagebrush and deer browse; medium growth of weeds and grass.
 Excellent grazing land.

From the corner of sections 11, 12, 13, and 14.

N.0°01'W., between sections 11 and 12.

Ascend steep SW. slope over mountainous land, through dense undergrowth of sagebrush and deer browse.

15.65 On top of ascent on ridge, 210 ft. above section corner, slopes SW., and ridge bears NE. and SW.

Intersect Uintah Indian Reservation Boundary, N.48°30'E. 1.72 chains distant from the $\frac{1}{2}$ mile corner on 109th mile, which is a sandstone, 12x6x6 ins. above the ground, firmly set and marked $\frac{1}{2}$ M on E. and UIR on N. faces.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Following

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 24 ins. in the ground to solid rock, and in a mound of stone to top, for closing corner of sections 11 and 12, with brass cap marked

UIR
S11
T9S

S12

R6E

CC

1935

Raise a mound of stone, 2½ ft. base, 2 ft. high, S. of corner.

Land, mountainous; SW. exposure.

Soil, sandy and heavy clay loam, rich in humus, rocky in places; 2nd and 3rd rate.

No timber.

Undergrowth, dense sagebrush and deer browse; medium growth of weeds and grass.

Excellent grazing land.

From the corner of sections 2, 3, 34, and 35, on S. bdy. of township, which is an iron post, 3 ins. diameter, extending 12 ins. above the ground, with brass cap marked and witnessed as described in the official records, along-side of which is corner No. 1, Ray No. 6 Placer, survey No. 6864, a pine post, 6 ins. square, extending 24 ins. above the ground, and marked R. 6 on N, and 1-6864 on W. face.

Thence

N. 0° 02' W., between sections 34 and 35.

Ascend steep SW. slope over mountainous land, through medium dense juniper and pinon timber, and undergrowth of oak, mahogany, service berry and deer browse.

17.00 Top of ascent, 320 ft. above section corner, slopes W.; descend NW. slope, leaving timber, and entering dense mahogany undergrowth, bears NE. and SW.

21.70 Draw, 10 ft. below top of ascent, course SW.; ascend SE. slope.

27.00 Spur, 160 ft. above draw, projects S. 80° E.; descend steep N. slope, leaving mahogany and entering choke cherry, deer browse, service berry undergrowth, and scattered aspen and fir timber, bears with spur.

39.80 From this point, corner No. 4, Ray No. 6 Placer, survey No. 6864, a pine post, 4 ins. square, extending 3 ft. above the ground and marked 4-6864 on S. face, bears W. 22 links distant.

40.00 On abrupt N. slope, 390 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diameter, 24 ins. in the ground to solid rock, and in a mound of stone to top, for ¼ section corner, with brass cap marked

334 335

1935

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

from which

A Douglas fir, 7 ins. diameter, bears N.61°45'E., 82 links distant, marked $\frac{1}{4}$ S35 BT

A Douglas fir, 6 ins. diameter, bears N.49°15'W., 45 links distant, marked $\frac{1}{4}$ S34 BT

41.80 Draw, 90 ft. below $\frac{1}{4}$ section corner, course NE.; ascend SE. slope, leaving fir and aspen timber, and entering dense undergrowth of oak, mahogany, service berry, deer browse and sagebrush.

46.00 Top of ascent, 30 ft. above draw, slopes NE.; descend NE. slope.

52.90 Baker Canyon, stream of clear water, 3 links wide, 2 ins. deep, 160 ft. below top of ascent, course S.70°E.; ascend SW. slope, entering scattered juniper and pinon timber.

53.80 Trail, bears with canyon.

64.00 Top of ascent, 150 ft. above canyon, slopes W.; thence along W. slope.

66.60 Draw, course S.30°W.; ascend SW. slope.

80.00 On SE. slope near top of spur, 450 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, for corner of sections 26, 27, 34, and 35, with brass cap marked

T9S	R6E
S27	S26
S34	S35

1935

from which

A mahogany, 3 ins. diameter, bears S.63°E., 20 links distant, marked BT

A mahogany, 4 ins. diameter, bears S.82°30'W., 59 links distant, marked BT

A juniper, 6 ins. diameter, bears N.27°W., 92 links distant, marked T9SR6ES27BT

No other bearing trees available.

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of corner.

Land, mountainous, with steep slopes; SE. drainage. Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.

Timber, juniper, pinon, Douglas fir, balsam and aspen on portions of mile.

Undergrowth, oak, mahogany, service berry, choke cherry, deer browse and sagebrush; medium growth of weeds and grass.

Good grazing land.

East, on random line, between sections 26 and 35.

40.00 Set temporary $\frac{1}{4}$ section corner.

SUBDIVISION OF T. 9 S., R. 6 E.,

Chains

- 80.00 Intersect N. and S. line, 3 links N. of the corner of sections 25, 26, 34, and 35.
Thence
N. 89° 59' W., on true line, between sections 26 and 35.
Along S. slope, over mountainous land, through dense undergrowth of oak, service berry, deer browse, and scattered mahogany.
- 6.00 Draw, course SE.; ascend NE. slope.
- 18.00 Spur, 280 ft. above section corner, projects S.; descend W. slope.
- 24.80 Ravine, 275 ft. below spur, course SW.; ascend SE. slope; entering medium dense juniper and pinon timber, bears with ravine.
- 30.00 Top of ascent, 40 ft. above ravine, slopes SW.; descend steep and broken NW. slope.
- 40.00 On steep NW. slope, 120 ft. below top of ascent.
Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \text{ S } 26 \\ \hline \text{S } 35 \\ .1935 \end{array}$$
- from which
- A juniper, 10 ins. diameter, bears N. 67° E., 31 links distant, marked $\frac{1}{4}$ S 26 BT
- A juniper, 12 ins. diameter, bears S. 19° W., 35 links distant, marked $\frac{1}{4}$ S 35 BT
- 58.00 Mouth of ravine, 460 ft. below $\frac{1}{4}$ section corner, course SW. from the NE.; thence over bottom of canyon.
- 59.60 Tie Fork, a stream of clear water, 6 links wide, 3 ins. deep, in bottom of canyon, course S. 20° E.; ascend steep NE. slope, leaving timber.
- 60.60 Forest Service trail, bears N. 20° W. and S. 20° E.
- 79.00 Spur, 610 ft. above canyon, projects SE.; descend.
- 80.00 The corner of sections 26, 27, 34, and 35, 5 ft. below spur.
Land, mountainous, with steep slopes.
Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.
Timber, juniper and pinon on portions of mile.
Undergrowth, oak, mahogany, service berry, choke cherry, deer browse and sagebrush; medium growth of weeds and grass.
Good grazing land.
-
- N. 0° 02' W., between sections 26 and 27.
Ascend over mountainous land, through medium dense undergrowth of oak, service berry, choke cherry, and

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

deer browse.

- 1.00 Spur, 5 ft. above section corner, projects SE. from N. 70°W.; descend abrupt NE. slope; entering medium dense fir timber.
- 18.50 Corral Canyon, stream of clear water, 4 links wide, 2 ins. deep, 550 ft. below spur, course S.60°E.; ascend abrupt S. slope, leaving fir, and entering scattered juniper and pinon timber, and undergrowth of oak, mahogany, service berry and sagebrush, bears with canyon.
- 25.00 Top of abrupt S. slope, 200 ft. above canyon; thence ascend gradually over rolling E. slope.
- 35.00 Top of ascent, 285 ft. above canyon, slopes E.; descend NE. slope.
- 40.00 On NE. slope, 20 ft. below top of ascent, in dense oak brush.
- Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, and mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S27 | S26
 1935

from which

A juniper, 7 ins. diameter, bears N.43°15'E., 202 links distant, marked $\frac{1}{4}$ S26 BT

An oak, 4 ins. diameter, bears S.31°15'W., 23 links distant, marked $\frac{1}{4}$ S27 BT

- 41.30 Draw, 20 ft. below $\frac{1}{4}$ section corner, course E.; ascend SE. slope.
- 43.60 Top of ascent, 40 ft. above draw, slopes E.; descend along E. slope.
- 47.50 Descend steep NE. slope.
- 50.40 Draw, 70 ft. below top of ascent, course S.80°E.; ascend SE. slope.
- 55.00 Top of ascent, 110 ft. above draw, slopes E.; descend along E. slope.
- 68.00 Descend steep NE. slope.
- 74.50 Stream of clear water, 4 links wide, 1 in. deep, in bottom of canyon, 240 ft. below top of ascent, course S.70°E.; ascend steep SW. slope.
- 78.00 Top of ascent, slopes SE.; thence along E. slope.
- 80.00 On E. slope, 140 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diameter, 27 ins. in the ground, and in mound of stone to top, for corner of sections 22, 23, 26, and 27, with brass cap marked

T9S R6E
 S22 | S23
 S27 | S26
 1935

from which

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

A juniper, 5 ins. diameter, bears N.24°E., 35 links distant, marked T9S R6E S23 BT

No other suitable bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, mountainous; drainage SE.

Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.

Timber, Douglas fir, balsam and scattered juniper and pinon on portions of mile.

Undergrowth, oak, service berry, mahogany, deer browse, and sagebrush; medium growth of weeds and grass. Good grazing land.

S.89°59'E., on random line, between sections 23 and 26.

40.00 Set temporary $\frac{1}{4}$ section corner.

80.04 Intersect N. and S. line, 3 links S. of the corner of sections 23, 24, 25, and 26.

Thence

West, on true line, between sections 23 and 26.

Descend SW. slope, over mountainous land, through dense undergrowth of oak, service berry, choke cherry, and deer browse.

6.25 Draw, 125 ft. below section corner, course S.; dense aspen along draw; ascend E. slope.

7.29 Intersect line 3-2, Mineral Survey No.6862, Kauffman No. 1 Placer claim, at a point 0.87 chains S.0°04'E. of corner No.3, an aspen post, 5 ins. diameter, projecting 36 ins. above ground, marked 3x6862 K 1 on the southeast side. From the same point corner No. 2 bears S.0°04'W. 40.00 chains distant. Retracement shows line 3-2 of this claim to be S.0°04'W. 40.87 chains, instead of the record of South 40.00 chains.

23.50 Spur, 520 ft. above draw, projects S.; descend steep W. slope.

34.50 Ravine, 430 ft. below spur, heads about 6 chains N.30°E. and drains S.30°W.; ascend SE. slope.

40.02 On spur, 50 ft. above ravine, projects S.35°W.

Set an iron post, 3 ft. long, 1 in. diameter, 18 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

S 23.
 $\frac{1}{4}$ —————
S 26
1935

At base of post deposit a sandstone, 5x4x4 ins., marked with a cross.

Descend W. slope.

55.50 Ravine, 400 ft. below $\frac{1}{4}$ section corner, heads about 5

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

chains N.30°E., and drains S.30°W.; ascend SE. slope.

62.00 Spur, 50 ft. above ravine, projects S.; descend abrupt W. slope.

75.20 Tie Fork, stream of clear water, 8 links wide, 3 ins. deep, in canyon, 570 ft. below spur, course S.; ascend abrupt E. slope.

76.20 Forest Service Trail, bears N. and S.

80.04 The corner of sections 22, 23, 26, and 27, 130 ft. above canyon.

Land, mountainous, with steep slopes; drainage S. Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate. No timber.

Undergrowth, oak, service berry, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land.

N.0°02'W., between sections 22 and 23.

Ascend along steep E. slope, over mountainous land, through dense undergrowth of oak, service berry, and deer browse.

1.10 Trail, bears NE. and SW.

9.00 Top of ascent, 75 ft. above section corner, slopes E.; descend NE. slope.

11.60 Draw, 10 ft. below top of ascent, course E.; ascend SE. slope.

15.00 Top of ascent, 80 ft. above draw, slopes E.; descend NE. slope.

19.70 Draw, 25 ft. below top of ascent, course SE.; ascend SE. slope.

40.00 On steep SE. slope, 390 ft. above draw:

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S22 | S23
 1935

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.

49.00 Top of ascent, 200 ft above $\frac{1}{4}$ section corner, slopes E.; thence along E. slope; entering undergrowth of sagebrush and deer browse.

52.50 Enter aspen timber, and undergrowth of choke cherry, service berry and deer browse, bears E. and W.

61.50 Descend NE. slope.

64.75 Draw, 20 ft. below top of ascent, course S.50°E.; ascend SE. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains	
67.00	Ascend gradually along steep E. slope.
78.50	Leave aspen timber, and enter dense undergrowth of oak, sagebrush, deer browse, and service berry, bears E. and W.
80.00	On E. slope, 170 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for corner of sections 14, 15, 22, and 23, with brass cap marked
	<div style="text-align: center;"> T9S R6E S15 S14 S22 S23 1935 </div>
	from which
	An aspen, 6 ins. diameter, bears N.30°E., 125 links distant, marked T9S R6E S14 BT
	An aspen, 5 ins. diameter, bears S.77°E., 105 links distant, marked T9S R6E S23 BT
	An aspen, 5 ins. diameter, bears S.2°15'W., 151 links distant, marked T9S R6E S22 BT
	An aspen, 5 ins. diameter, bears N.40°W., 85 links distant, marked T9S R6E S15 BT
	Land, mountainous; S. exposure and drainage.
	Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.
	Timber, aspen on portion of mile.
	Undergrowth, oak, service berry, choke cherry, sagebrush and deer browse; medium growth of weeds and grass.
	Excellent grazing land.
	East, on random line, between sections 14 and 23.
40.00	Set temporary section corner.
80.00	Intersect N. and S. line, 12 links S. of the corner of sections 13, 14, 23, and 24,
	Thence
	S.89°55'W., on true line, between sections 14 and 23.
	Descend SW. slope over mountainous land, through medium dense fir timber, and undergrowth of deer browse and choke cherry.
7.00	Enter scattered fir and juniper timber, and dense undergrowth of oak, service berry, deer browse, and manzanita.
11.60	Draw, 230 ft. below section corner, course SW.; ascend steep SE. slope.
25.00	Spur, 240 ft. above draw, slopes SW.; descend W. slope.
27.50	Head of draw, 20 ft. below spur, course SW.; descend along steep S. slope.
38.00	Spur, 140 ft. below draw, slopes SW.; descend steep NW. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 40.00 On steep NW. slope, 40 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked
- $\frac{1}{4}$ $\frac{S\ 14}{S\ 23}$
 1935
- from which
- A Douglas fir, 8 ins. diameter, bears N.42°45'E., 77 links distant, marked $\frac{1}{4}$ S 14 BT
- A balsam, 6 ins. diameter, bears S.52°30'W., 48 links distant, marked $\frac{1}{4}$ S 23 BT
- 50.70 Bottom of Tie Fork, 320 ft. below $\frac{1}{4}$ section corner, course S.10°W.; ascend steep SE. slope, leaving fir timber, and entering dense aspen timber, and undergrowth of choke cherry and deer browse.
- 54.00 Ascend along steep S. slope.
- 62.00 Top of ascent, 160 ft. above canyon, slopes S.; descend SW. slope.
- 64.50 Draw, 40 ft. below top of ascent, course SE.; ascend steep SE. slope.
- 68.00 Ascend steep E. slope.
- 78.60 Leave aspen timber, enter dense oak, service berry, sage, and deer browse, bears NW. and SW.
- 80.00 The corner of sections 14, 15, 22, and 23, 440 ft. above draw.
- Land, mountainous; S. exposure
 Soil, heavy clay and sandy loam rich in humus, rocky in places; 2nd and 3rd rate.
 Timber, Douglas fir, balsam, juniper and aspen on portions of mile.
 Undergrowth, oak, service berry, choke cherry, deer browse, manzanita and sagebrush; medium growth of weeds and grass.
 Good grazing land.
-
- N.0°02'W., between sections 14 and 15.
- Along steep E. slope over mountainous land, through undergrowth of oak, sage, deer browse, and service berry brush.
- 1.00 Enter medium dense aspen timber, and undergrowth of choke cherry and deer browse, bears SW. and E.
- 3.00 Small draw, course E.; ascend SE. slope.
- 8.00 Top of ascent, 50 ft. above section corner, slopes E.; descend NE. slope.
- 11.30 Draw, 40 ft. below top of ascent, course S.70°E.; ascend SE. slope.
- 16.00 Top of ascent, 100 ft. above draw, slopes E.; descend.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

18.50 Draw, 30 ft. below top of ascent, course E.; ascend steep SE. slope.

22.40 Forest Service Trail, bears NE. and SW.

35.63 In saddle, on ridge, 230 ft. above draw, bears N. 60° E., and S. 60° W.

Intersect the Uintah Indian Reservation Boundary, N. 59° 45' E., 13.06 chains distant from angle corner on 110th mile, which is an aspen post, 6 ins. diameter, extending 3 ft. above the ground and marked UIR on NW and PL on SE. faces, and S. 59° 45' W., 19.80 chains distant from angle corner. (Record S. 59° 45' W., 33.00 chs.), between these angle cors.

From the above described angle corner the next angle corner, originally set 23.30 chains S. 84° 15' W. from the 110th mile post bears S. 84° 15' W., 29.61 chains distant. No trace of the 110th mile post could be found.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground for closing corner of sections 14 and 15, with brass cap marked

UIR	
S15	S14
T9S	R6E
CC	
1935	

from which

An aspen, 8 ins. diameter, bears S. 89° E. 63 links distant, marked T9S R6E S14 CC BT.

An aspen, 7 ins. diameter, bears S. 9° W. 76 links distant, marked T9S R6E S15 CC BT.

Land, mountainous; SE. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus;

2nd and 3rd rate.

Timber, aspen.

Undergrowth, choke cherry, deer browse, oak, service berry and sagebrush; medium growth of weeds and grass.

Excellent grazing land.

From the corner of sections 11, 12, 13, and 14.

S. 89° 55' W., on true line, between sections 11 and 14.

Descend steep SW. slope over mountainous land, through dense undergrowth of sagebrush, choke cherry, and deer browse.

2.00 Forest Service Trail, bears N. and S.

5.00 Forest Service Trail, bears NW. and SE.

9.60 Draw, 270 ft. below section corner, course S. 10° W.; ascend SE. slope; entering aspen timber.

17.76 In saddle, on ridge, 70 ft. above draw, bears N. 50° E. and S. 50° W.

Intersect Uintah Indian Reservation Boundary, S. 48° 30' W. 21.96 chains distant from the $\frac{1}{2}$ mile corner on 109th mile, heretofore described.

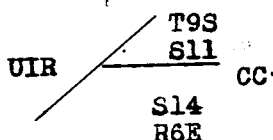
At point of intersection.

75

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground for closing corner of sections 11 and 14, with brass cap marked



1935

from which

An aspen, 6 ins. diameter, bears N.56°E., 56 links distant, marked T9S R6E S11 CC BT.

A Douglas fir, 30 ins. diameter, bears S.62°E., 50 links distant, marked T9S R6E S14 CC BT.

Land, mountainous; S. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus;

2nd and 3rd rate.

Timber, aspen on portion of mile.

Undergrowth, sagebrush, choke cherry and deer browse; medium growth of weeds and grass.

Excellent grazing land.

From the corner of sections 3, 4, 33, and 34, on S. bdy. of township, which is an iron post, 3 ins. diameter, extending 10 ins. above the ground, with brass cap marked, and witnessed as described in the official records.

Thence

N.0°02'W., between sections 33 and 34.

Ascend SW. slope, over mountainous land, through dense undergrowth of oak, service berry, mahogany, and deer browse.

6.00 Spur, 110 ft. above section corner, projects SE. from N.20°W.; descend along E. slope.

25.00 Head of draw, 60 ft. below spur, course S.70°E.; ascend SE. slope.

31.50 Recross spur, 220 ft. above draw, slopes S.15°W.; thence ascend along W. slope.

40.00 On W. slope, 30 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diameter, 20 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

↑
S33 | S34
1935

from which

A mahogany, 6 ins. diameter, bears N.39°E., 161 links distant, marked $\frac{1}{4}$ S34 BT.

A Douglas fir, 10 ins. diameter, bears N.7°15'W., 160 links distant, marked $\frac{1}{4}$ S33 BT.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 51.20 Head of ravine, 60 ft. above $\frac{1}{4}$ section corner, course SW.; ascend S. slope.
- 56.00 Ridge, 110 ft. above head of ravine, bears NW. and S.60°E.; descend steep N. slope; entering scattered fir timber.
- 74.20 Head of Baker Canyon, 490 ft. below ridge, course S.80°E.; ascend SE. slope.
- 79.00 Top of ascent, 50 ft. above canyon, slopes E.; descend NE. slope.
- 80.00 On NE. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for corner of sections 27, 28, 33, and 34, with brass cap marked

T9S R6E

S28 | S27

S33 | S34

1935

from which

A juniper, 8 ins. diameter, bears N.9°E., 99 links distant, marked T9S R6E S27 BT

A Douglas fir, 6 ins. diameter, bears S.43°45'E., 40 links distant, marked T9S R6E S34 BT

A balsam, 6 ins. diameter, bears S.68°30'W., 51 links distant, marked T9S R6E S33 BT

A Douglas fir, 12 ins. diameter, bears N.75°W., 50 links distant, marked T9S R6E S28 BT

Land, mountainous, with steep slopes.

Soil, heavy clay and sandy loam, rich in humus, rocky along ridges and spurs; 2nd and 3rd rate.

Timber, scattered Douglas fir and balsam on portion of mile.

Undergrowth, oak, service berry, mahogany, and deer browse; medium growth of weeds and grass.

Good grazing land.

East, on random line, between sections 27 and 34.

- 40.00 Set temporary $\frac{1}{4}$ section corner.

- 80.28 Intersect N. and S. line, 5 links S. of the corner of sections 26, 27, 34, and 35,

Thence

S.89°58'W., on true line, between sections 27 and 34.

Along S. slope, over mountainous land, through dense undergrowth of oak, service berry, mahogany, sagebrush and deer browse, and scattered juniper and pinon timber.

- 2.60 Spur, slopes S.; descend SW. slope.

- 11.20 Draw, 170 ft. below spur, course S.10°E.; ascend SE. slope.

- 25.00 Spur, 110 ft. above draw, slopes S.30°E.; descend SW. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 27.30 Draw, 70 ft. below spur, course S.30°E.; ascend SE. slope.
 38.00 Spur, 150 ft. above draw, slopes S.30°E.; descend SW. slope.
 40.14 On SW. slope, 60 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ S 27
 S 34
 .1935

from which

A mahogany, 4 ins. diameter, bears N.15°30'E., 37 links distant, marked $\frac{1}{4}$ S 27 BT

A juniper, 12 ins. diameter, bears S.80°E., 63 links distant, marked $\frac{1}{4}$ S34 BT

- 45.60 Draw, 40 ft. below $\frac{1}{4}$ section corner, course SE.; ascend SE. slope.
 58.00 Top of ascent, 125 ft. above draw, slopes SE.; descend SW. slope.
 65.50 Draw, 40 ft. below top of ascent, course SE.; ascend.
 70.00 Top of ascent, 90 ft. above draw, slopes SE.; descend.
 73.50 Draw, 20 ft. below top of ascent, course SE.; ascend.
 80.28 The corner of sections 27, 28, 33, and 34, 75 ft. above draw.
 Land, mountainous; SE. exposure and drainage.
 Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.
 Timber, very scattered juniper and pinon.
 Undergrowth, dense oak, service berry, mahogany, sagebrush, and deer browse; medium growth of weeds and grass.
 Good grazing land.

N.0°02'W., between sections 27 and 28.

Descend NE. slope, over mountainous land, through dense undergrowth of oak, service berry, sagebrush and deer browse, and scattered fir and juniper timber.

- 0.30 Small draw, 5 ft. below section corner, course E.; thence along E. slope.
 7.25 Draw, course SE.; ascend S. slope; dense aspen timber along draw.
 21.50 Spur and divide between Baker and Corral Canyons, 290 ft. above section corner, projects S.85°E. from the SW.; descend N. slope, leaving timber; enter dense sagebrush undergrowth.
 25.00 Descend abrupt N. slope, through undergrowth of choke cherry, deer browse and sagebrush, bears E. and W.
 36.00 Enter dense aspen and fir timber, bears E. and W.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains
40.00 In bottom of Corral Canyon, 580 ft. below spur, course E.

42.00 Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

328 S27

1935

from which

A Douglas fir, 24 ins. diameter, bears S.67°15'E., 131 links distant, marked $\frac{1}{4}$ S27 BT

A balsam, 8 ins. diameter, bears West, 49 links distant, marked $\frac{1}{4}$ S28 BT

40.40 Stream of clear water, 3 links wide, 2 ins. deep, in Corral Canyon, course E.; ascend S. slope.

42.50 Top of ascent, 25 ft. above $\frac{1}{4}$ section corner, slopes E.; thence along E. slope, leaving timber.

45.70 Ravine, course SE.; ascend S. slope, entering aspen timber, and undergrowth of choke cherry, oak, and deer browse.

56.00 Leave timber, enter dense oak, service berry, sagebrush, and deer browse, bears NE. and SW.

70.00 Spur, 450 ft. above $\frac{1}{4}$ section corner, projects S.80°E.; descend steep N. slope, entering fir and scattered aspen timber, bears with spur.

75.80 Bottom of ravine, 180 ft. below spur, course E. from the NW.; ascend SW. slope.

80.00 On SW. slope, 50 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground for corner of sections 21, 22, 27, and 28, with brass cap marked

T9S R6E

S21 S22

S28 S27

1935

from which

A juniper, 10 ins. diameter, bears N.51°E., 47 links distant, marked T9S R6E S22 BT

A juniper, 12 ins. diameter, bears S.76°15'E., 73 links distant, marked T9S R6E S27 BT

A balsam, 16 ins. diameter, bears S.25°W., 26 links distant, marked T9S R6E S28 BT

A Douglas fir, 14 ins. diameter, bears N.81°30'W., 26 links distant, marked T9S R6E S21 BT

Land, mountainous; SE. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus, rocky along spur; 2nd and 3rd rate.

Timber, aspen, Douglas fir, balsam and a few scattered junipers on portions of mile.

Undergrowth, oak, service berry, choke cherry, sagebrush, and deer browse; median growth of weeds and grass.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Good grazing.

N.89°58'E., on random line, between sections 22 and 27.

40.00 Set temporary $\frac{1}{4}$ section corner.

80.16 Intersect N. and S. line, 5 links N. of the corner of sections 22, 23, 26, and 27.

Thence

West, on true line, between sections 22 and 27.

Ascend E. slope, over mountainous land, through dense undergrowth of oak, service berry, deer browse, and sagebrush.

1.00 Point of spur, 10 ft. above section corner, slopes S.; Forest Service Trail, bears N.15°W. and NE.; descend W. slope.

6.10 Canyon, 110 ft. below point of spur, course S.30°E.; ascend E. slope, entering scattered fir and juniper timber.

11.00 Top of ascent, 120 ft. above canyon, slopes S.; thence along S. slope.

15.00 Enter bottom of canyon, course S.80°E. from the W.; thence along N. side of bottom of canyon.

18.70 Stream of clear water, 4 links wide, 1 in. deep, in canyon, course S.85°E.; thence along S. side of canyon.

20.00 Trail, along canyon, bears N.85°W. and S.85°E.

30.70 Recross stream of clear water in canyon, and trail, in canyon, course N.85°E. from S.70°W.; ascend along S. slope.

35.25 Small stream of clear water, course S.

40.08 On S. slope, 80 ft. above bottom of canyon.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked
$$\begin{array}{r} S\ 22 \\ \frac{1}{4} \overline{S\ 27} \\ 1935 \end{array}$$

from which

A juniper, 6 ins. diameter, bears N.37°15'E., 25 links distant, marked $\frac{1}{4}$ S22 BTA Douglas fir, 10 ins. diameter, bears S.15°45'E., 21 links distant, marked $\frac{1}{4}$ S27 BT42.00 Top of ascent, 15 ft. above $\frac{1}{4}$ section corner, slopes S.; descend SW. slope.

47.00 Bottom of canyon, and stream of clear water, 1 link wide, 1 inch deep, course S.80°E. from N.70°W.; thence along S. side of canyon.

54.30 Recross stream of water, in bottom of canyon, course N.80°E. from S.70°W.; ascend SE. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 68.00 Enter dense undergrowth of choke cherry, and medium dense fir and aspen timber, bears NW. and SE.
- 70.30 Stream of clear water, from spring, which bears NW. 20 links distant; drains SE.
- 75.50 Top of ascent, 320 ft. above canyon, slopes S.; descend SW. slope; entering scattered timber and undergrowth of oak, service berry, sagebrush and deer browse.
- 80.16 The corner of sections 21, 22, 27, and 28, 40 ft. below top of ascent.
- Land, mountainous; drainage, E.
Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.
Timber, Douglas fir, balsam, juniper and aspen on portions of mile.
Undergrowth, oak, service berry, choke cherry, sagebrush, and deer browse; medium growth of weeds and grass.
Good grazing land.

N.0°02'W., between sections 21 and 22.

Ascend SW. slope, over mountainous land, through dense undergrowth of oak, service berry, sagebrush and deer browse, and scattered fir and juniper timber.

- 4.00 Ascend gradually along W. slope, leaving timber, bears E. and W.
- 9.00 Enter scrubby aspen timber, and dense choke cherry undergrowth, bears NW. and SE.
- 12.00 Leave aspen and choke cherry, enter dense sagebrush and deer browse, bears E. and W.
- 16.00 Spur, 200 ft. above section corner, projects S.20°E.; thence ascend along E. slope.
- 17.00 Enter dense aspen timber, and medium dense choke cherry and deer browse undergrowth, bears NW. and SE.
- 23.60 Head of draw, course SE.; ascend S. slope.
- 31.00 Spur, 80 ft. above draw, slopes S.50°E.; thence ascend along E. slope.
- 35.00 Ascend SE. slope.
- 40.00 On SE. slope, 55 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S21 | S22
1935

from which

An aspen, 8 ins. diameter, bears S.79°E., 16 links distant, marked $\frac{1}{4}$ S22 BT

An aspen, 6 ins. diameter, bears S.45°W., 2 links distant, marked $\frac{1}{4}$ S21 BT

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 49.00 Leave timber, bears NW. and SE.
- 55.00 Head of ravine, about 3 chains E. of line, drains SE.
- 59.20 Ridge, and divide, between the drainage of First Water and Tie Fork, 150 ft. above $\frac{1}{4}$ section corner, bears N.30°E. and S.30°W.; Forest Service road along ridge; descend NW. slope; entering medium dense aspen and scattered fir timber, bears with ridge.
- 67.00 Head of draw, bears W. about 4 chains distant, drains NW.
- 80.00 On NW. slope, 135 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground for corner of sections 15, 16, 21, and 22, with brass cap marked

T9S R6E

S16 | S15

S21 | S22

1935

from which

A Douglas fir, 30 ins. diameter, bears N.15°45'E., 161 links distant, marked T9S R6E S15 BT

A balsam, 3 ins. diameter, bears S.34°45'E., 72 links distant, marked BT

An aspen, 9 ins. diameter, bears S.56°15'W., 29 links distant, marked T9S R6E S21 BT

A balsam, 6 ins. diameter, bears N.45°30'W., 46 links distant, marked T9S R6E S16 BT

Land, mountainous; SE. and NW. exposure and drainage. Soil, heavy clay and sandy loam, rich in humus; 2nd and 3rd rate.

Timber, aspen, Douglas fir, balsam, and juniper on portions of mile.

Undergrowth, choke cherry, oak, service berry, deer browse, and sagebrush; medium growth of weeds and grass. Good grazing land.

East, on random line, between sections 15 and 22.

- 40.00 Set temporary $\frac{1}{4}$ section corner.

- 80.06 Intersect N. and S. line, 7 links S. of the corner of sections 14, 15, 22, and 23.

Thence

S.89°57'W., on true line, between sections 15 and 22.

Ascend E. slope, over mountainous land, through dense under growth of oak, service berry, deer browse and sagebrush.

- 4.00 Spur, 75 ft. above section corner, slopes S.; descend steep W. slope; entering scattered fir timber.
- 6.70 Forest Service Trail, bears N. and S.
- 15.00 Leave oak brush, enter dense aspen timber, bears NE. and SW.

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Chains

- 15.40 Bottom of canyon, 390 ft. below spur, course S.; ascend E. slope.
- 18.00 Leave aspen timber, enter dense oak, service berry and deer browse, bears NE. and SW.
- 24.60 Spur, 220 ft. above canyon, slopes S.; descend SW. slope.
- 35.00 Enter medium dense aspen and scattered fir timber, bears NE. and SW.
- 36.90 Ravine, 240 ft. below spur, course S.30°E.; ascend E. slope.
- 40.03 On E. slope, 75 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ $\frac{S\ 15}{S\ 22}$
1935

from which

An aspen, 6 ins. diameter, bears S.15°30'W., 11 links distant, marked $\frac{1}{4}$ S22 BT

An aspen, 6 ins. diameter, bears N.37°W., 10 links distant, marked $\frac{1}{4}$ S15 BT

- 59.00 Enter medium dense choke cherry, undergrowth, bears N. and S.
- 65.00 Ridge and divide, between the drainage Tie Fork and First Water, 540 ft. above $\frac{1}{4}$ section corner, bears N. and S.; descend NW. slope, leaving aspen timber, and entering dense choke cherry undergrowth, bears with ridge.
- 65.30 Forest Service road, bears N. and S.
- 69.00 Enter dense aspen and scattered fir timber, and medium dense choke cherry, and deer browse, bears NW. and SE.
- 80.06 The corner of sections 15, 16, 21, and 22, 270 ft. below ridge.
- Land, mountainous; SE. and W. exposure and drainage. Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate. Timber, aspen and scattered Douglas fir and balsam on portions of mile. Undergrowth, oak, service berry, choke cherry, sagebrush, and deer browse; medium growth of weeds and grass. Excellent grazing land.

N.0°02'W., between sections 15 and 16.

Descend NW. slope, over mountainous land, through medium dense aspen and scattered fir timber, and undergrowth of choke cherry, service berry and deer browse.

- 2.10 Ravine, 40 ft. below section corner, course W.; ascend SW. slope.
- 4.00 Leave timber, enter dense undergrowth of choke cherry,

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Chains

service berry, and deer browse, bears NE. and SW.

11.00 Spur, 180 ft. above ravine, slopes W.; descend steep NW. slope.

14.00 Enter dense aspen timber and maple undergrowth, bears NE. and SW.

23.20 Bottom of canyon, 230 ft. below spur, course S.60°W.; trail along canyon; ascend steep S. slope.

24.00 Leave timber, enter dense undergrowth of oak, service berry; choke cherry, and deer browse, bears NE. and SW.

38.00 Spur, 400 ft. above canyon, projects SW. about 4 chains from N.15°E.; thence along W. slope.

39.00 Enter medium dense aspen and scattered fir timber, and undergrowth of choke cherry and deer browse, bears E. and W.

40.00 On W. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ S16 | S15 \\ 1935. \end{array}$$

from which

A balsam, 30 ins. diameter, bears N.10°15'E., 100. links distant, marked $\frac{1}{4}$ S15 BTAn aspen, 10 ins. diameter, bears S.42°45'W., 42. links distant, marked $\frac{1}{4}$ S16 BT

63.80 Head of ravine, course S.65°W.; ascend S. slope.

68.00 Leave timber, enter undergrowth of sagebrush, oak, service berry and deer browse, bears E. and W.

70.57 On ridge, 90 ft. above head of ravine, slopes from N.35°W., and bears E.

Intersect the Uintah Indian Reservation Boundary, S.35° 30'E. 23.38 chains distant from angle corner on 112th mile, which is an aspen post, 8 ins. diameter, extending 3 ft. above the ground, and marked UIR on NE. and PL on SW. faces. The record position of this angle corner is N.35°30'W. 27.00 chains distant from the 111th mile corner. No evidence of the 111th mile corner could be found.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground for closing corner of sections 15 and 16, with brass cap marked

$$\begin{array}{c} \text{UIR} \\ S16 | S15 \\ T9S | R6E \\ \text{CC} \\ 1935 \end{array}$$

from which

An aspen, 8 ins. diameter, bears S.64°E. 340 links distant, marked T9S R6E S15 CC BT

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Chains

An aspen, 6 ins. diameter, bears S.57°15'W., 113 links distant, marked T9S R6E S16 BT

Land, mountainous; SW. exposure and drainage.
Soil, heavy clay and sandy loam, rich in humus, rocky on spurs; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam on portions of mile.
Undergrowth, oak, choke cherry, deer browse, service berry, and sagebrush; medium growth of weeds and grass.
Excellent grazing land.

From the corner of sections 3 and 4, on N. boundary of township, heretofore described.

S.0°02'E., on true line, between sections 3 and 4.

Descend SW. slope, over mountainous land, through medium dense aspen and fir timber, and undergrowth of choke cherry and deer browse.

0.60 Draw, 5 ft. below section corner, course NW.; ascend steep N. slope.

4.76 Northing of 40.00 chains from the closing corner of sections 4 and 9, on steep N. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S4 | S3
1935

from which

A Douglas fir, 8 ins. diameter, bears N.68°15'E., 79 links distant, marked $\frac{1}{4}$ S3 BT

A Douglas fir, 12 ins. diameter, bears N.6°15'W., 77 links distant, marked $\frac{1}{4}$ S4 BT

13.00 Spur, 80 ft. above $\frac{1}{4}$ section corner, projects W.; descend SW. slope, entering scattered timber, and dense undergrowth of oak, service berry, choke cherry, deer browse and sagebrush.

26.00 On SW. slope, 60 ft. below spur.

Intersect the Uintah Indian Reservation Boundary, N.30°45'E. 6.89 chains distant from the $\frac{1}{2}$ mile corner on 113th mile, which is an aspen post, 6 ins. square, extending 24 ins. above the ground, and marked $\frac{1}{2}$ M UIR on E. and PL on W. faces. Corner is badly decayed near the ground.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for closing corner of sections 3 and 4, with brass cap marked

CC
T9S | R6E
S4 | S3
~~UIR~~
1935

from which

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Chains

An aspen, 6 ins. diameter, bears N.8°45'E., 64 links distant, marked T9S R6E S3 CC BT

An aspen, 6 ins. diameter, bears N.1°15'W., 58 links distant, marked T9S R6E S4 CC BT

Land, mountainous; W. exposure.

Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.

Timber, aspen, Douglas fir and balsam.

Undergrowth, oak, service berry, choke cherry, sagebrush, and deer browse; medium growth of weeds and grass.

Excellent grazing land.

From the corner of sections 4, 5, 32, and 33, on S. boundary of township, which is an iron post, 3 ins. diameter, extending 12 ins. above the ground, with brass cap marked and witnessed as described in the official records.

Thence

N.0°03'W., between sections 32 and 33.

Descend NE. slope, over mountainous land, through scattering juniper and pinon timber, and undergrowth of service berry, oak, mahogany and deer browse.

9.40 Ravine, 20 ft. below section corner, course SE.; ascend SW. slope.

26.00 Spur, 330 ft. above ravine, slopes S.40°E.; ascend along SE. slope, leaving timber and mahogany, bears NW. and SE.

40.00 On SE. slope, 120 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S32 | S33
1935

from which

An oak, 5 ins. diameter, bears S.76°15'E., 80 links distant, marked $\frac{1}{4}$ S33 BT

A Douglas fir, 12 ins. diameter, bears N.54°W., 190 links distant, marked $\frac{1}{4}$ S32 BT

42.00 Ridge, 20 ft. above $\frac{1}{4}$ section corner, bears NE. and SW.; descend steep NW. slope, through undergrowth of service berry, oak, choke cherry, and deer browse.

46.00 E. edge of fir timber, bears NW. and SW.

63.50 Head of canyon, 460 ft. below ridge, course W.; ascend over SW. slope.

80.00 On SW. slope, 110 ft. above head of canyon.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for corner of sections 28, 29, 32, and 33, with brass cap marked

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Chains

T9S R6E

S29 S28

S32 S33

1935

from which

A juniper, 5 ins. diameter, bears N.23°E., 145 links distant, marked T9S R6E S28 BT

A juniper, 5 ins. diameter, bears S.43°W., 153 links distant, marked T9S R6E S32 BT

No other suitable bearing trees available.

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of corner.

Land, mountainous; SE. and W. exposure and drainage. Soil, heavy clay and sandy loam, rich in humus, rocky along ridges and spurs; 2nd and 3rd rate. Timber, scattered juniper and pinon on portion of mile. Undergrowth, service berry, choke cherry, sagebrush, mahogany and deer browse; medium growth of weeds and grass. Good grazing land.

East, on random line, between sections 28 and 33.

40.00 Set temporary $\frac{1}{4}$ section corner.

79.90 Intersect N. and S. line, 3 links N. of the corner of sections 27, 28, 33, and 34.

Thence

N.89°59'W., on true line, between sections 28 and 33.

Ascend steep NE. slope, over mountainous land, through scattered fir timber and undergrowth of oak, service berry, sagebrush and deer browse.

14.00 Ridge, and divide, between the drainage of Tie Fork and Sheep Creek, 280 ft. above section corner, bears N. and S.; thence along steep N. slope, entering dense fir timber.

23.00 Ridge, bears N.70°W. and S.70°E.; descend SW. slope, leaving fir timber and entering dense oak, service berry, sagebrush and deer browse.

38.40 Head of draw, 120 ft. below ridge, course S.; ascend along S. slope.

39.95 On S. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ S 28

S 33

1935

from which

A juniper, 10 ins. diameter, bears N.68°30'E., 140 links distant, marked $\frac{1}{4}$ S28 BT

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

A balsam, 14 ins. diameter, bears S.40°30'W., 113 links distant, marked $\frac{1}{4}$ S33 BT

- 45.00 Recross ridge, 30 ft. above $\frac{1}{4}$ section corner, bears N.70°W. and S.70°W.; descend abrupt NW. slope, entering fir and scattered aspen timber, bears with ridge.
- 48.00 Bottom of descent, 50 ft. below ridge, slopes N.; ascend steep NE. slope.
- 57.00 Top of ascent, 150 ft. above bottom of descent, slopes N.; thence along steep N. slope.
- 64.00 Descend steep NW. slope, leaving timber, and entering dense undergrowth of service berry, oak, sagebrush and deer browse, bears NW. and SE.
- 74.50 Spur, 390 ft. below top of ascent, slopes N.60°W.; descend steep SW. slope.
- 79.90 The corner of sections 28, 29, 32, and 33, 135 ft. below spur.

Land, mountainous, with steep slopes.
Soil, heavy clay and sandy loam, rich in humus, rocky along ridges and spurs; 2nd and 3rd rate.
Timber, Douglas fir and balsam on portions of mile.
Undergrowth, oak, service berry, choke cherry, sagebrush and deer browse; medium growth of weeds and grass.
Good grazing land.

N.0°03'W., between sections 28 and 29.

Along W. slope, over mountainous land, through dense undergrowth of oak, service berry, and deer browse.

- 0.50 Small draw, course S.30°W.; ascend SE. slope.
- 2.50 Spur, 40 ft. above section corner, projects N.70°W.; descend steep NE. slope, entering scattered aspen and fir timber, and undergrowth of choke cherry.
- 24.00 Enter medium dense aspen timber, bears NW. and SE. .
- 27.50 Stream of clear water, 1 link wide, 1 in. deep, in canyon, 500 ft. below spur, course N.70°W.; ascend SW. slope.
- 30.00 Leave timber, and enter dense undergrowth of oak, service berry, sagebrush and deer browse, bears E. and W.
- 35.00 Point of spur, 115 ft. above canyon, slopes S.65°W.; descend NW. slope.
- 40.00 On NW. slope, 15 ft. below point of spur, in dense brush.
- Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S29 | S28
1935

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of corner.

- 44.60 Small spring of clear water, in bottom of ravine, 90 ft.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains
 52.60 below section corner, course S. 40° W.; ascend SE. slope.
 Old road, bears N. 20° E. and S. 20° W.
 56.30 Recross old road, bears N. 70° W. and S. 70° E.
 65.60 Forest Service road, bears N. 23° E. and S. 23° W.
 75.00 Spur, 340 ft. above ravine, projects S. 60° W.; descend steep NW. slope.
 80.00 On steep NW. slope, 110 ft. below spur, in dense brush.
 Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, and in mound of stone to top, for corner of sections 20, 21, 28, and 29, with brass cap marked

T9S R6E
 S20 S21
 S29 S28
 1935

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, mountainous; W. exposure.
 Soil, heavy clay and sandy loam, rich in humus, rocky along ridges and spurs; 2nd and 3rd rate.
 Timber, aspen and scattered Douglas fir and balsam on portions of mile.
 Undergrowth, oak, service berry, choke cherry, sagebrush, and deer browse; medium growth of grass and weeds.
 Excellent grazing land.

S. 89° 59' E., on random line, between sections 21 and 28.

40.00 Set temporary section corner.
 79.80 Intersect N. and S. line, 9 links N. of the corner of sections 21, 22, 27, and 28.

Thence

N. 89° 55' W., on true line, between sections 21 and 28.

Descend SW. slope, over mountainous land, through scattering aspen and fir timber, and undergrowth of oak, service berry, choke cherry, sagebrush and deer browse.

5.80 Ravine, 35 ft. below section corner, course S. 30° E.; ascend NE. slope.
 15.00 Leave timber, bears NW. and SE.
 16.00 Spur, 180 ft. above ravine, projects S. 60° E.; descend SW. slope.
 20.40 Head of draw, 50 ft. below spur, course S. 20° E.; ascend SE. slope.
 22.80 Old road, bears N. and S.
 28.00 Ridge, and divide, of drainage, between Tie Fork and Sheep Creek, 20 ft. above head of draw, bears N. 20° E. and S. 20° W.; descend NW. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

and 30

- 38.00 Enter medium dense aspen timber, and dense choke cherry, and deer browse undergrowth, bears N. and S.
- 39.90 On NW. slope, 160 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ S 21
S 28
1935

from which

An aspen, 6 ins. diameter, bears N.2°45'E., 35 links distant, marked $\frac{1}{4}$ S21 BT

An aspen, 6 ins. diameter, bears S.74°E., 26 links distant, marked $\frac{1}{4}$ S28 BT

- 41.00 Leave timber, and enter dense undergrowth of oak, service berry, sagebrush, and deer browse, bears NW. and SE.
- 43.60 Draw, 150 ft. below $\frac{1}{4}$ section corner, course S.40°W.; ascend SE. slope.
- 57.40 Forest Service road, bears NE. and SW.
- 62.00 Spur, 50 ft. above draw, projects S.65°W.; descend NW. slope.
- 79.80 The corner of sections 20, 21, 28, and 29, 300 ft. below spur.

Land, mountainous; SE. and SW. exposure and drainage. Soil, heavy clay and sandy loam, rich in humus, rocky along ridges and spurs; 2nd and 3rd rate. Timber, aspen and Douglas fir and balsam on portions of mile. Undergrowth, oak, service berry, sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Excellent grazing land.

N.0°03'W., between sections 20 and 21.

Descend NW. slope, over mountainous land, through dense undergrowth of oak, service berry, sagebrush, and deer browse.

- 6.40 Small draw, 100 ft. below section corner, course N.60°W.; dense aspen timber along draw; ascend SW. slope.
- 9.00 Top of ascent, 40 ft. above draw, slopes W.; descend NW. slope.
- 15.00 Bottom of canyon, 80 ft. below top of ascent, course SW.; ascend along W. side of draw, draining from the N.; entering dense sagebrush undergrowth.
- 26.00 Enter dense oak, service berry, and deer browse undergrowth, bears N.10°E. and S.10°W.
- 40.00 On steep E. slope, on W. side of draw, 175 ft. above canyon, and in dense brush.

SUBDIVISION OF T19 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

S20 | S21

1935

from which

An oak, 4 ins. diameter, bears N.22°E., 18 links distant, marked $\frac{1}{4}$ S21 BT

An oak, 4 ins. diameter, bears N.56°W., 22 links distant, marked $\frac{1}{4}$ S20 BT

43.50 Enter aspen timber, and undergrowth of choke cherry and deer browse, bears E. and W.

48.00 Leave aspen timber, and enter dense oak, service berry, and deer browse undergrowth, bears E. and W.

49.30 Draw, course S.10°E. from N.20°E.; ascend SE. slope.

54.00 Enter medium dense juniper and pinon timber, and scattered undergrowth, bears E. and W.

66.00 Leave timber, enter dense undergrowth of oak, service berry, sagebrush and deer browse, bears E. and W.

68.00 Spur, 550 ft. above $\frac{1}{4}$ section corner, slopes SW. about 5 chains distant, thence S. from a peak about 4 chains NE.; thence along W. slope of peak.

70.00 Ridge and divide of drainage, between First Water and Sheep Creek, slopes N.15°W.; ridge bears N.15°W. to low pass, and S.15°E. to peak; descent NW. slope.

80.00 On NW. slope, 130 ft. below top of ascent on ridge.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, and in mound of stone to top, for corner of sections 16, 17, 20, and 21, with brass cap marked

T9S R6E

S17 | S16

S20 | S21

1935

Raise a mound of stone, 3 ft. base, 2 ft high, W. of corner.

Land, mountainous; SW. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus, rocky along spurs and ridges; 2nd and 3rd rate.

Timber, aspen, juniper, and pinon on portion of mile.

Undergrowth, oak, service berry, sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Excellent grazing land.

S.89°55'E., on random line, between sections 16 and 21.

40.00 Set temporary $\frac{1}{4}$ section corner.

79.90 Intersect N. and S. line, 5 links N. of the corner of sections 15, 16, 21, and 22.

Thence

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

am1930

N.89°53'W., on true line, between sections 16 and 21.

Descend NW. slope, over mountainous land, through medium dense aspen and scattered fir timber, and undergrowth of choke cherry, service berry and deer browse.

- 7.00 Draw, 150 ft. below section corner, course N.30°W.; ascend NE. slope.
- 9.00 Top of ascent, 40 ft. above draw; slopes N.; thence along N. slope; entering medium dense fir and aspen timber.
- 22.00 Descend NW. slope, leaving timber, and entering medium dense undergrowth of service berry and deer browse, bears N. and S.
- 30.00 Enter medium dense aspen timber, and undergrowth of choke cherry, service berry, and deer browse, bears N. and S.
- 33.50 Trail, bears NE. and SW.
- 38.30 Stream of clear water, 2 links wide, 2 ins. deep, in canyon, 350 ft. below top of ascent, course S.60°W.; thence along N. side of canyon.
- 39.00 Mouth of ravine, draining from the SE., bears S. 1.00 chain distant.
- 39.60 Recross stream of water in canyon, course N.60°W.; ascend NE. slope.
- 39.95 In bottom of canyon, 5 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

S 16
S 21
1935

from which

An aspen, 5 ins. diameter, bears S.35°W., 23 links distant, marked $\frac{1}{4}$ S21 BT

An aspen, 6 ins. diameter, bears N.80°W., 47 links distant, marked $\frac{1}{4}$ S16 BT

- 42.00 Old road, bears S.60°E. and N.60°W.
- 55.00 Top of ascent, 95 ft. above $\frac{1}{4}$ section corner, slopes N.; descend NW. slope.
- 60.00 Leave timber, and enter dense undergrowth of oak, service berry and deer browse, bears NE. and SW.
- 63.00 Draw, 100 ft. below top of ascent, course N.10°W.; ascend NE. slope.
- 67.00 Enter scrub aspen timber, and undergrowth of choke cherry, bears N. and S.
- 78.00 Top of ascent, 160 ft. above draw, slopes N.; descend NW. slope; leaving timber, and entering dense oak, service berry and sagebrush undergrowth, bears NE. and S.
- 79.90 The corner of sections 16, 17, 20, and 21, 30 ft. below top of ascent.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains	
	<p>Land, mountainous; NW. drainage. Soil, heavy clay and sandy loam, rich in humus, 2nd rate. Timber, aspen, Douglas fir, and balsam on portions of mile. Undergrowth, oak, service berry, choke cherry, deer browse and sagebrush; medium growth of weeds and grass, Excellent grazing land.</p>
	<p>N.0°03'W., between sections 16 and 17.</p> <p>Descend NW. slope, over mountainous land, through undergrowth of oak, service berry, sagebrush, and deer browse.</p>
3.50	Old road, bears N.75°E. and S.75°W.
6.00	Enter aspen timber, bears NW. and SE.
7.00	Leave aspen, bears NW. and SE.
20.10	Small draw, 285 ft. below section corner, course N. from the SW.; thence along W. side of draw.
24.80	First Water, a stream, 2 links wide, 2 ins. deep, in canyon, 360 ft. below section corner, course N.50°W. from the E.; ascend S. slope.
30.50	Top of ascent, 70 ft. above canyon, slopes W.; descend N. slope.
33.50	Small draw, 25 ft. below top of ascent, course W.; ascend SW. slope.
40.00	<p>On rolling SW. slope, 60 ft. above draw.</p> <p>Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$ S17 S16 1935 </div> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.</p>
44.00	Top of ascent, 25 ft. above $\frac{1}{4}$ section corner, slopes SW.; descend NW. slope.
45.80	Draw, 15 ft. below top of ascent, course SW.; ascend S. slope.
60.00	Top of ascent on spur, 165 ft. above draw, slopes S.55°W.; descend NW. slope.
64.00	Draw, 60 ft. below spur, course S.70°W.; ascend S. slope.
75.00	Spur, 170 ft. above draw, slopes SW.; descend steep NW. slope.
80.00	On steep NW. slope, 90 ft. below spur.
	<p>Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, and in a mound of stone, for corner of sections 8, 9, 16, and 17, with brass cap marked</p>

97

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

T9S	R6E
S8	S9
S17	S16
1935	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, mountainous; N. exposure.

Soil, heavy clay and sandy loam, rich in humus, rocky on spurs; 2nd and 3rd rate.

Timber, scattered aspen on portion of S. half mile.

Undergrowth, dense oak, service berry, sagebrush and deer browse; medium growth of weeds and grass.

Excellent grazing land.

S.89°53'E., on true line, between sections 9 and 16.

Ascend NW. slope, over mountainous land, through dense undergrowth of service berry, deer browse, and scattered oak and sagebrush.

- 13.00 Spur, 275 ft. above section corner, projects S.80°W., from the E.; ascend steep W. slope.
- 21.00 Enter dense undergrowth of oak, service berry, and deer browse, bears N. and S.
- 29.00 Ascend SW. slope, entering medium growth of brush.
- 37.00 Point of high spur, 750 ft. above section corner, slopes NW. from the SE.; descend over gradual NE. slope.
- 39.00 Enter dense aspen timber, and undergrowth of choke cherry, bears S. and NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for a section corner, with brass cap marked

S 9
S 16
1935

from which

An aspen, 6 ins. diameter, bears S.20°W., 10 links distant, marked S16 BT

An aspen, 7 ins. diameter, bears N.20°W., 39 links distant, marked S9 BT

- 42.00 Enter scattered fir timber, bears NW. and SE.
- 49.00 Head of draw, 100 ft. below $\frac{1}{4}$ section corner, course N. about 5 chains, thence NW.; ascend W. slope, leaving fir timber.
- 59.00 Leave aspen timber, and enter medium dense undergrowth of sagebrush, service berry, and deer browse, bears N.30°E. and S.20°E.
- 66.00 N. end of narrow strip of aspen timber, bears S.; ascend SW. slope.
- 73.30 On ridge, 350 ft. above draw, bears N.35°W. and S.35°E.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Intersect the Uintah Indian Reservation Boundary S.35° 30'E. 11.81 chains distant from angle corner on the 112th mile, the record position of which is N.35°30'W. 27.00 chains distant from the 111th mile corner, as heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, for closing corner of sections 9 and 16, with brass cap marked

T9S
S9
CC ——— UIR
S16
R6E
1935

from which

An aspen, 5 ins. diameter, bears S.50°30'W., 25 links distant, marked T9S R6E S16 CC BT

An aspen, 5 ins. diameter, bears N.51°15'W., 128 links distant, marked T9S R6E S9 CC BT

Land, mountainous, with steep slopes; W. exposure.
Soil, heavy clay and sandy loam, rich in humus, rocky along spurs; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam on portion of mile.
Undergrowth, oak, service berry, deer browse, sagebrush, and choke cherry; medium growth of grass.
Excellent grazing land.

From the corner of sections 8, 9, 16, and 17.

N.0°03'W., between sections 8 and 9.

Descend NW. slope, over mountainous land, through dense undergrowth of service berry, deer browse and scattered oak and sagebrush.

3.50 Enter medium dense aspen timber and undergrowth of deer browse, and choke cherry, bears NE. and W.

8.50 Stream of clear water, 5 links wide, 2 ins. deep, in canyon, 70 ft. below section corner, course SW.; ascend SE. slope, leaving timber, and enter medium dense undergrowth of oak, service berry, sagebrush and deer browse, bears with canyon.

18.90 Old road, bears NE. and SW.

26.00 Ascend S. slope.

35.00 Ascend SW. slope.

38.40 Enter medium dense undergrowth of mahogany, service berry, and scattered oak, sagebrush, and deer browse, bears NW. and SE.

40.00 On SW. slope, 560 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

CHAINS

$$\begin{array}{r} \frac{1}{2} \\ 88 | 89 \\ 1935 \end{array}$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of corner.

46.70 Top of ascent, 140 ft. above $\frac{1}{4}$ section corner, slopes W.; thence along steep W. slope.

48.00 Descend steep NW. slope.

50.00 Enter medium dense aspen timber, and undergrowth of choke cherry and deer browse, bears NW. and SE.

79.20 Small draw, 700 ft. below top of ascent, course N.80°W.; ascend SW. slope.

80.00 Top of ascent, 15 ft. above draw, slopes W.

Set an iron post, 3 ft. long, 2 ins. diameter, 26 ins. in the ground, and in a mound of stone to top, for corner of sections 4, 5, 8, and 9, with brass cap marked

$$\begin{array}{r} T9S \ R6E \\ 85 | 84 \\ \hline 88 | 89 \\ 1935 \end{array}$$

from which

An aspen, 6 ins. diameter, bears N.47°E., 136 links distant, marked T9S R6E S4 BT

An aspen, 7 ins. diameter, bears S.8°30'E., 46 links distant, marked T9S R6E S9 BT

An aspen, 6 ins. diameter, bears S.40°W., 48 links distant, marked T9S R6E S8 BT

An aspen, 7 ins. diameter, bears N.73°W., 115 links distant, marked T9S R6E S5 BT

Land, mountainous; SW. exposure and drainage.

Soil, heavy clay and sandy loam; rich in humus, rocky in places; 2nd and 3rd rate.

Timber, aspen on portion of mile.

Undergrowth, oak, service berry, deer browse, mahogany, sagebrush and choke cherry; medium growth of weeds and grass.

Excellent grazing land.

S.89°53'E., on true line, between sections 4 and 9..

Ascend NW. slope, over mountainous land, through medium dense undergrowth of oak, service berry, and deer browse, and scrub aspen timber.

1.20 Forest Service trail, bears NW. and SE.

6.00 Recross trail, bears NE. and SW.

11.00 Top of ascent, 140 ft. above section corner, slopes NW.; descend NE. slope.

15.50 Draw, 20 ft. below top of ascent, course NW.; ascend steep W. slope.

T. 8 S. R. SUBDIVISION OF T. 9 S. R. 6 E.

Chains

40:00 On steep W. slope, 540 ft. above draw. W. slope. Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{2}$ section corner, with brass cap marked

S 9

1935

from which.

An aspen, 4 ins. diameter, bears S.27°E., 10 links distant, marked BT

An aspen, 6 ins. diameter, bears N.39°W., 9 links distant, marked $\frac{1}{2}$ S4 BT

55.00 Spur, 240 ft. above $\frac{1}{2}$ section corner, projects NW.; thence along N. slope, entering medium dense aspen and scattered fir timber.

68.99 On ridge, 75 ft. below spur, slopes N.30°E., and bears N.30°E. and S.30°W.

Intersect Uintah Indian Reservation Boundary S.30°45'W., 14.94 chains distant, from the $\frac{1}{2}$ mile corner on 113th mile, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for closing corner of sections 4 and 9, with brass cap marked

T9S
S4
CC ——— UIR
S9
R6E
1935

from which

A Douglas fir, 30 ins. diameter, bears S.83°30'W., 103 links distant, marked T9S R6E S9 CC BT

A balsam, 8 ins. diameter, bears N.58°W., 9 links distant, marked T9S R6E S4 CC BT

Land, mountainous; NW. exposure and drainage.

Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate.

Timber, scrub aspen and scattered fir on portion of mile.

Undergrowth, oak, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

From the corner of sections 4, 5, 8, and 9.

N.0°03'W., on true line, between sections 4 and 5.

Descend NW. slope, over mountainous land, through medium dense aspen timber, and undergrowth of service berry, deer browse and oak.

Forest Service Trail, bears NE. and SE.

97

SUBDIVISION OF T. 9 S., R. 6 E.

Chains	
1.60	Second Water, a stream, 3 links wide, 2 ins. deep, in canyon, 30 ft. below section corner, course S.50°W.; ascend steep S. slope.
3.00	Leave timber, enter medium dense oak, service berry, sagebrush, and deer browse, bears NE. and SW.
10.00	Ascend SW. slope.
28.00	Top of ascent, 590 ft. above canyon, slopes W.; thence along W. slope.
29.00	Enter medium dense aspen timber, and undergrowth of choke cherry and deer browse, bears E. and W.
36.00	Leave aspen timber, enter medium dense oak, service berry and deer browse, bears E. and W.
38.00	Head of draw, 40 ft. below top of ascent, course SW.; ascend S. slope.
40.00	On S. slope, 35 ft. above head of draw. Set an iron post, 3 ft. long, 1 in. diameter, 24 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S5 S4 1935 </div>
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.
43.56	Intersect N. boundary of township S.89°05'W., 23.24 chains distant, from the corner of sections 33 and 34, heretofore described. At point of intersection. Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, and in a mound of stone to top, for the closing corner of sections 4 and 5, with brass cap marked <div style="text-align: center;"> T8S R6E S33 <hr/> S5 S4 T9S R6E CC 1935 </div>
	Raise a mound of stone, 3 ft. base, 2 ft. high, S. of corner. Land, mountainous; SW. exposure and drainage. Soil, heavy clay and sandy loam, rich in humus, rocky in places; 2nd and 3rd rate. Timber, aspen on portion of mile. Undergrowth, oak, service berry, sagebrush and deer browse; medium growth of weeds and grass. Excellent grazing land.
	From the corner of sections 5, 6, 31, and 32, on S. boundary of township, which is an iron post, 3 ins. diameter, extending 10 ins. above the ground, with brass cap mkd.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

and witnessed as described in the official records.

Thence

N.0°04'W., between sections 31 and 32.

Ascend SW. slope, over mountainous land, through dense undergrowth of mahogany, service berry, oak, sagebrush, deer browse, and very scattered juniper and pinon timber.

3.50 Top of ascent, 40 ft. above section corner, slopes W.; descend steep NW. slope.

7.00 Spur, 60 ft. below top of ascent, slopes NW.; descend steep NE. slope.

38.00 Bottom of wide draw, 650 ft. below spur, course NW.; thence across bottom of draw, through dense sagebrush.

39.50 Enter dense oak, and scattered service berry, sagebrush, and deer browse, bears with draw.

40.00 Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S31 | S32
 1935

from which

A juniper, 6 ins. diameter, bears N.42°30'E., 66 links distant, marked $\frac{1}{4}$ S32 BT

An oak, 4 ins. diameter, bears N.49°30'W., 42 links distant, marked $\frac{1}{4}$ S31 BT

Corner stands on N. side of draw, bears NW. and SE.; ascend SW. slope.

43.00 Spur, 15 ft. above $\frac{1}{4}$ section corner, projects NW.; descend NE. slope.

51.50 Stream of clear water, 2 links wide, 1 in. deep, in canyon, 180 ft. below spur, course N.70°W.; ascend SW. slope.

80.00 On SW. slope, 340 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, and in a mound of stone to top, for the corner of sections 29, 30, 31, and 32, with brass cap marked

T9S R6E
 S30 | S29
 S31 | S32
 1935

from which

A juniper, 5 ins. diameter, bears N.29°E., 44 links distant, T9S R6E S29 BT

A juniper, 3 ins. diameter, bears S.14°45'E., 45 links distant, marked BT

A juniper, 10 ins. diameter, bears S.44°15'W., 97 links distant, marked T9S R6E S31 BT

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

A pinon, 10 ins. diameter, bears N.15°W., 161 links distant, marked T9S R6E S30 BT

Land, mountainous; W. exposure.

Soil, heavy clay and sandy loam, rich in humus, rocky; 3rd rate.

Timber, very scattered juniper and pinon.

Undergrowth, oak, service berry, mahogany, sagebrush, and deer browse; medium growth of weeds and grass.

Good grazing land.

East, on random line, between sections 29 and 32.

40.00 Set temporary $\frac{1}{4}$ section corner.

79.96 Intersect the corner of sections 28, 29, 32, and 33.

Thence

West, on true line, between sections 29 and 32.

Descend over mountainous land, through medium dense undergrowth of oak, service berry, sagebrush, and deer browse, and very scattered juniper and pinon timber.

0.60 Draw, 5 ft. below section corner, course S.20°W.; ascend SE. slope.

5.00 Top of ascent, 25 ft. above draw, slopes S.; descend SW. slope.

Small draw,

8.00 /60 ft. below top of ascent, course S.; ascend SE. slope.

14.00 Top of ascent, 15 ft. above draw, slopes S.; descend W. slope.

21.20 Wide draw, 185 ft. below top of ascent, course S.20°W.; ascend SE. slope.

31.00 Top of ascent, 40 ft. above draw, slopes S.20°W.; descend SW. slope.

37.00 Draw, 130 ft. below top of ascent, course S.20°W.; thence along S. slope.

39.98 On S. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ S 29
S 32
1935

from which

A juniper, 6 ins. diameter, bears S.82°W., 244 links distant, marked $\frac{1}{4}$ S32 BT

A pinon, 3 ins. diameter, bears N.71°W., 155 links distant, marked BT

49.00 Spur, projects S.; descend W. slope.

60.00 Draw, 260 ft. below spur, course S.20°W.; ascend over rolling SE. slope.

SUBDIVISION OF T. 11 S., R. 6 E.

Chains	
54.00	Top of ascent, 90 ft. above draw, slopes S. from descend SW. slope.
79.96	The corner of sections 29, 30, 31, and 32, 30 ft. below top of ascent.
83.89	Land, mountainous; So exposure and drainage.
84.17	Soil, heavy clay and sandy loam, rich in humus, rocky; andrade.
84.17	Timber, very scattered juniper and pinon.
84.17	Undergrowth, oak, sagebrush, service berry, and deer browse; medium growth of weeds and grass.
84.17	Excellent grazing land.
	West, on true line, between sections 30 and 31.
	Over mountainous land, through scattering timber and a scant undergrowth, descend 35 ft. along a W. slope.
2.40	Small draw, drains S., ascend 50 ft. over an E. slope.
17.50	Spur, projects S., descend 650 ft. along a SW. slope.
39.60	Sheep Creek, drains S. 10° W., stream of water, 5 links wide, and 6 ins. deep in bottom.
40.00	On a W. slope.
	Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked
	S 30
	$\frac{1}{4}$
	S 31
	1938
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the post. No suitable trees available for marking.
42.60	Forest Service road, bears N. 10° E. and S. 10° W.; ascend along a broken SE. slope, over numerous small washes, draining S.
70.47	Old road, bears N. 30° E. and S. 45° W.
72.10	Old road, bears S. 10° E. and N. 20° W.
80.00	On a SW. slope.
	Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the corner of lots 11 and 12, in section 30, and lots 1 and 2, in section 31, with brass cap marked
	TSS R&E
	850
	11 12
	2 1
	S 31
	1938
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the post.
	Descend 70 ft. along a SW. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 81.50 Draw, drains S.20°E., ascend 370 ft. along a SE. slope.
- 111.20 Spur, projects S.; descend along a W. slope.
- 120.80 Draw, drains S.10°E.; ascend along an E. slope.
- 121.56 Intersect the E. boundary of section 25, T. 9 S., R. 5 E., at a point 10.64 chains S.1°35'E. of the $\frac{1}{4}$ section corner of sections 25 and 30, an iron post, 1 in. diameter, firmly set, properly marked and witnessed, as described in the official record. As this corner now stands for section 25, only, the marks referring to section 30 are obliterated.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in ground, for the closing corner of sections 30 and 31, with brass cap marked

T9S	
R5E	R6E
	S30
S25	CC
	S31
1938	

Raise a mound of stone, 3 ft. base, 2 ft. high, east of the post. No suitable trees available for marking.

Land, low, rolling hills; drainage, SW. and SE. into Sheep Creek.

Soil, sandy to gravelly loam; 3rd rate.

Timber, scattered juniper and pinon.

Undergrowth, oak brush, sagebrush and weeds. Grass.

Fair grazing.

Beginning at the corner of sections 29, 30, 31, and 32.

Thence

N.0°04'W., between sections 29 and 30.

Over rolling hills, through a scattering timber, and a medium dense undergrowth; descend along a NW. slope.

- 6.30 Draw, drains SW. about 1 chain, and then S.; ascend 170 ft. over a S. slope.
- 14.00 Spur, projects W. from the NE.; descend 560 ft. along a steep NW. slope.
- 32.60 Sheep Creek, drains S.60°W., stream of water, 3 links wide, and 2 ins. deep, in the bottom; ascend 90 ft. along a SE. slope to the $\frac{1}{4}$ section corner.
- 39.50 Forest Service road, bears NE. and SW.
- 40.00 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S30/S29

1935

from which

SUBDIVISION OF T. 2 S., R. 6 E.

Chains

A juniper, 6 ins. diameter, marked $\frac{1}{2}$ S29 BT, bears N.56°00'E., 129 links distant.

A juniper, 6 ins. diameter, marked $\frac{1}{2}$ S30 BT, bears S.2°15'W., 125 links distant.

Ascend 265 ft. along a SE. slope.

63.50 Top of ascent, on an E. slope, bears E. and W.; continue along a general E. slope.

80.00 On a NE. slope.

Set an iron post, 3 ft. long, 2 ins. diameter, 27 ins. in the ground, for the corner of sections 19, 20, 29, and 30, with brass cap marked

T9S R6E

S19 S20

S30 S29

1935

Land, rolling hills; drainage, NW. and SE. into Sheep Creek.

Soil, gravelly loam; 3rd rate.

Timber, juniper and aspen.

Undergrowth, sagebrush, service berry brush, oak brush and weeds.

Good grazing.

East, on a random line, between sections 20 and 29.

40.00 Set temporary $\frac{1}{2}$ section corner.

80.08 Intersect the north and south line at a point 2 links N. of the corner of sections 20, 21, 28, and 29.

Thence

N.89°59'W., on true line, between sections 20 and 29.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 415 ft. along a NW. slope.

17.50 Sheep Creek, drains SW.; ascend 35 ft. along a SE. slope.

19.20 Point of spur, projecting from the NE.; descend 45 ft. along a NW. slope.

25.10 Mouth of draw, draining from the NE.; ascend 165 ft. along a SE. slope.

34.10 Spur, projects SW.; descend 50 ft. along a SW. slope.

40.04 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 29 ins. in the ground, for the $\frac{1}{2}$ section corner, with brass cap marked

$\frac{1}{2}$ S 20

S 29

1935

from which

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

A juniper, 12 ins. diameter, marked $\frac{1}{2}$ S29 BT, bears S.40°45'W., 43 links distant.

A juniper, 7 ins. diameter, marked $\frac{1}{2}$ S20 BT, bears N.26°15'W., 49 links distant.

Descend 145 ft. along a SW. slope.

- 50.10 Draw, drains S.; ascend 250 ft. along a SE. slope.
 63.00 Spur, projects S.; descend 160 ft. along a SW. slope.
 73.60 Draw, drains S.; ascend along a NE. slope.
 80.08 The corner of sections 19, 20, 29, and 30.

Land, steep mountain slopes; general SE. exposure and drainage.

Soil, shale and clay; 3rd rate.

Timber, aspen and juniper.

Undergrowth, sagebrush, oak and service berry brush, and yellow top; grass.

Good grazing.

Test, on true line, between sections 19 and 30.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 135 ft. along a general S. slope.

- 10.50 Spur, projects S.; descend 150 ft. along a SW. slope.
 21.70 Draw, drains S.10°E.,/100 ft. over an E. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{2}$ section corner, with brass cap marked

$\frac{1}{2}$ $\frac{S\ 19}{S\ 30}$
 1938

Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of the post. No suitable trees available for marking.

Ascend 25 ft. along an E. slope.

- 42.00 Spur, projects SE.; descend along a W. slope.
 48.70 Small draw, drains S.60°E.; continue along a S. slope.
 56.30 Center of a small depression, about 1 $\frac{1}{2}$ chains in diameter; ascend along a SE. slope.
 70.30 Small spur, projects SE.; descend along a SW. slope.
 73.90 Head of small draw, draining S.20°E.; ascend along a SE. slope.
 80.00 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the corner of lots 11 and 12, in section 19, and lots 1 and 2, in section 30, with brass cap marked

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

T9S R6E

S19

11 12

2 1

S30

1938

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, north of the post. No suitable trees available for marking.

Ascend 270 ft. along a SE. slope.

94.70 Spur, projects S.; descend along a SW. slope.

98.80 Head of draw, draining S.20°E.; ascend 100 ft. along a SE. slope.

110.80 Spur, projects S.; descend along a SW. slope.

115.80 Draw, drains S.10°E.; ascend 50 ft. along a SE. slope.

122.33 Intersect the east boundary of section 24, T. 9 S., R. 5 E., at a point 10.53 chains S.1°52'E., of the $\frac{1}{4}$ section corner of sections 19 and 24, an iron post, 1 in. diameter, firmly set, properly marked and witnessed as described in the official record. As this corner now stands for section 24, only, the marks referring to section 19 are obliterated.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the closing corner of sections 19 and 30, with brass cap marked

T9S

R5E R6E

S19

S24 CC

S30

1938

Raise a mound of stone, 3 ft. base, 2 ft. high, east of the post. No suitable trees available for marking.

Land, rolling mountain slopes; SE. exposure and drainage.

Soil, gravelly clay loam; 3rd rate.

Timber, juniper and aspen.

Undergrowth, sagebrush, oak brush and weeds. Grass.

Fair grazing.

Beginning at the corner of sections 19, 20, 29, and 30.

Thence

N.0°04'W., between sections 19 and 20.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend along a general E. slope.

12.80 Draw, drains S.15°E.; ascend 245 ft. along a SW. slope.

40.00 On a S. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

S111311

in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S19 S20
 1935

from which

An oak, 3 ins. diameter, marked BT, only, bears S.85°00'E., 87 links distant.

An oak, 3 ins. diameter, marked BT, only, bears S.70°00'W., 32 links distant.

Ascend 180 ft. to the ridge.

48.70 Old road, bears S.20°E. and N.20°W.

60.80 Ridge, bears N.30°W. and S.30°E.; descend 100 ft. along a NE. slope.

70.10 Recross road, bears NE. and SW.

74.94 Recross road, bears E. and W.

80.00 On a NE. slope.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, for the corner of sections 17, 18, 19, and 20, with brass cap marked

T9S R6E
 S18 S17
 S19 S20
 1935

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the post. No suitable trees available for marking.

Land, rolling mountain slopes; general SW. exposure and drainage.

Soil, gravelly clay loam; 3rd rate.

Timber, aspen and juniper.

Undergrowth, sagebrush, service berry, and oak brush; grass.

Fair grazing.

S.89°59'E., on a random line, between sections 17 and 20.

40.00 Set temporary $\frac{1}{4}$ section corner.

80.08 Intersect the north and south line at a point 2 links south of the corner of sections 16, 17, 20, and 21.

Thence

West, on true line, between sections 17 and 20.

Over mountainous land, through scattering timber and a medium dense undergrowth, along a general N. slope.

5.20 Ridge, bears S.80°E. and N.80°W.; also old road bearing NE. and SW.; descend 135 ft. along a NW. slope.

19.30 Recross road, bears NW. and SE.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

25.80 Draw, drains SW., heading about .6 chains NE.; ascend 96 ft. along a SE. slope.

40.04 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 17 \\ \hline \text{S } 20 \\ 1935 \end{array}$$

from which

A juniper, 4 ins. diameter, marked BT, only, bears S. 75° 15' E., 21 links distant.

A juniper, 8 ins. diameter, marked $\frac{1}{4}$ S17 BT, bears N. 69° 30' W., 105 links distant.

Ascend 95 ft. along a SE. slope.

51.10 Ridge, bears S. 20° W. and N. 70° E.; descend 240 ft. along a SW. slope.

75.90 Draw, drains NW., heading about 10 chains SE.; ascend 50 ft. along a NE. slope to the corner,

76.10 Old road, bears NW. and SE.

80.08 The corner of sections 17, 18, 19, and 20:

Land, gentle mountain slopes, along the top of the ridge. Soil, gravelly, clay loam; 3rd rate. Timber, widely scattered juniper. Undergrowth, sagebrush, choke cherry, service berry and oak brush. Grass. Fair grazing.

West, on true line, between sections 18 and 19.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 65 ft. along a NE. slope to the ridge.

4.70 Old road, bears N. 35° W. and S. 35° E.

14.80 Ridge, bears N. 50° W. and S. 50° E.; descend along a SW. slope.

17.70 Small draw, drains S. 15° E.; ascend along a NE. slope.

24.30 Spur, projects S. 10° W.; descend along a SW. slope.

34.50 Draw, drains S. 20° W.; ascend along a NE. slope.

34.90 Old road, bears N. 10° E. and S. 10° W.

40.00 Set an iron post, 3 ft. long, 1 in. diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 18 \\ \hline \text{S } 19 \\ 1938 \end{array}$$

from which

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

An oak, 7 ins. diameter, marked $\frac{1}{2}$ S19 BT, bears S.8°30'E., 38 links distant.

An oak, 7 ins. diameter, marked $\frac{1}{2}$ S18 BT, bears N.49°15'W., 24 links distant.

Ascend along a NE. slope.

41.60 Spur, projects S.30°W.

47.50 Small draw, drains SW.

51.50 Spur, projects S.

53.30 Small draw, drains S.20°E.

61.10 Spur, projects S.10°W.; descend 320 ft. along a SW. slope.

80.00 On a SW. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the corner of lots 11 and 12, in section 18, and lots 1 and 2, in section 19, with brass cap marked

T9S R6E

S18.

11 | 12

2 | 1

S19

1938

from which

An oak, 6 ins. diameter, marked T9S R6E S18 L12 BT, bears N.77°45'E., 228 links distant.

An oak, 6 ins. diameter, marked T9S R6E S19 L1 BT, bears S.63°15'E., 313 links distant.

An aspen, 9 ins. diameter, marked T9S R6E S19 L2 BT, bears S.38°10'W., 358 links distant.

No other suitable tree available for marking.

Descend along a SW. slope.

83.70 Draw, drains N.10°E., small stream of water, in bottom; ascend 80 ft. along a SE. slope.

96.10 Spur, projects S.60°W.; descend along a SW. slope.

109.90 Draw, drains S.60°E; ascend along a NE. slope.

110.10 Trail, bears S.60°E. and N.60°W.

122.94 Intersect the east boundary of section 13, T. 9 S., R. 5 E., at a point 10.66 chains S. of the $\frac{1}{2}$ section corner of sections 13 and 18, an iron post, 1 in. diameter, firmly set, properly marked and witnessed, as described in the official record. As this corner now stands for section 13, only, the marks referring to section 18 are obliterated.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 27 ins. in the ground, for the closing corner of sections 18 and 19, with brass cap marked

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

T9S
R5E | R6E
S18
S13 | CC
S19
1938

from which

An aspen, 6 ins. diameter, marked T9S R6E S19 CC BT, bears S.31°30'E., 24 links distant.

An aspen, 5 ins. diameter, marked BT, only, bears N.18°00'W., 29 links distant.

No other suitable tree available for marking.

Soil, gravelly, clay loam; 3rd rate.

Timber, aspen, oak, and juniper.

Undergrowth, sagebrush, oak brush, and choke cherry. Grass. Fair grazing.

N.0°04'W., between sections 17 and 18.

Over rolling land, through scattering timber and a medium dense undergrowth; descend 95 ft. along a NE. slope.

11.20 Draw, drains NE. from the SE.; ascend 65 ft. along a SE. slope.

18.00 Spur, projects N.60°E.; descend 45 ft. along a NW. slope.

24.90 Draw, drains E.; ascend along a SE. slope.

34.70 Spur, projects E.; descend along a gentle NE. slope.

40.00 On a NE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S18 | S17
1935

from which

An aspen, 5 ins. diameter, marked $\frac{1}{4}$ S17 BT, bears S.60°45'E., 9 links distant.

An aspen, 4 ins. diameter, marked $\frac{1}{4}$ S18 BT, bears N.87°00'W., 8 links distant.

Descend 295 ft. along a NE. slope.

66.00 Draw, drains NE.; ascend along a SE. slope.

74.30 Low spur, projects E. about 6 chains to end; descend 40 ft. along a NE. slope.

80.00 On a NE. slope.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the corner of sections 7, 8, 17, and 18, with brass cap marked

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

2511110

T9S R6E

S7 | S8

S18 | S17

1935

from which

An aspen, 6 ins. diameter, marked T9S R6E S8 BT,
bears N.63°30'E., 176 links distant.

An aspen, 6 ins. diameter, marked T9S R6E S18 BT,
bears S.73°30'W., 123 links distant.

An aspen, 7 ins. diameter, marked T9S R6E S7 BT,
bears N.63°45'W., 106 links distant.

No other suitable tree available for marking.

Land, steep mountain slopes; NE. exposure and drainage.

Soil, heavy clay loam; 3rd rate.

Timber, aspen.

Undergrowth, sagebrush, service berry brush, and oak
brush. Grass.

Fair grazing.

East, on a random line, between sections 8 and 17.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.02 Intersect the N. and S. line at a point 5 links S. of
the corner of sections 8, 9, 16, and 17.

Thence

S.89°58'W., on true line, between sections 8 and 17.

Over mountainous land, through scattering timber, and
a medium dense undergrowth; descend 155 ft. along a
NW. slope.

4.80 Draw, drains SW.; ascend 50 ft. along a SE. slope.

9.00 Spur, projects SW.; descend along a rolling SW. slope.

24.30 Draw, drains SW., old road in bottom, ascend 60 ft.
along a SE. slope.

28.30 Spur, projects SW.; continue along a rolling SW. slope.

40.01 Set an iron post, 3 ft. long, 1 in. diameter, 30 ins.
in the ground, for the $\frac{1}{4}$ section corner, with brass
cap marked

S8

 $\frac{1}{4}$

S17

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of
the post. No suitable trees available for marking.

Ascend 10 ft. along a SE. slope.

41.40 Low spur, projects S.; descend along a gradual W. slope.

47.00 Swale, drains N.

SURVEY DIVISION OF T. 10 S., R. 6 E.

Chains

51.90 Low spur, projects N.; descend 295 ft. along a NW. slope.

68.76 Draw, drains S. 50° W.; ascend along a SE. slope.

70.60 Spur, projects SW.; descend 95 ft. along a SW. slope.
First Water, a small stream in bottom of

75.00 Draw, drains N. 25° W.; ascend 20 ft. along a NE. slope.

80.02 The corner of sections 7, 8, 17, and 18.

Land, rolling mountain slopes; drainage, W.
Soil, heavy clay loam; 3rd rate.

Timber, aspen and juniper.

Undergrowth, sagebrush, service berry, and oak brush,

yellow-top, deer browse. Grass.

Fair grazing.

West, on true line, between sections 7 and 18.

Over rolling, mountainous land, through scattering timber
and a medium dense undergrowth; ascend 220 ft. along a
NE. slope.

18.80 Spur, projects NE.; descend 45 ft. along a NW. slope.

24.30 Draw, drains NE.; ascend 300 ft. along an E. slope.

40.00 On an E. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins.
in the ground, for the $\frac{1}{4}$ section corner, with brass cap
marked

S 7
S 18
1938

from which

An oak, 4 ins. diameter, marked BT, only, bears
S. 53° 45' E., 24 links distant.

An oak, 4 ins. diameter, marked BT, only, bears
N. 55° 00' W., 25 links distant.

Ascend 540 ft. along a NE. slope.

55.30 Spur, projects N. 20° W. from S. 20° W.; descend 405 ft.
along a W. slope.

80.00 On a W. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins.
in the ground, for the corner of lots 11 and 12, in
section 7, and lots 1 and 2, in section 18, with brass
cap marked

T9S R6E

S 7
11/12
2/1
S18
1938

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of
the post. No suitable trees available for marking.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

cont'd

- Descend 180 ft. along a W. slope. 00.00
- 86.40 Draw, drains S. 20° W.; ascend 90 ft. along a SE. slope.
- 98.70 Spur, projects S. 10° W.; descend 325 ft. along a W. slope.
- 112.40 Head of small draw, drains S. 30° W.; ascend along a SE. slope.
- 114.40 Low spur, projects S. 20° W.; descend 270 ft. along a SW. slope.
- 122.94 Intersect the east boundary of section 12, T. 9 S., R. 6 E., at a point 10.68 chains S. of the $\frac{1}{4}$ section corner of sections 7 and 12, an iron post, 1 in. diameter, firmly set, properly marked and witnessed, as described in the official record. As this corner now stands for section 12, only, I destroy the marks referring to section 7.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the closing corner of sections 7 and 18, with brass cap marked

T9S
R5E R6E
S7
S12 — CC
S18
1938

from which

A mahogany, 4 ins. diameter, marked BT, only, bears S. 39° 30' E., 11 links distant.

No other suitable tree available for marking.

Land, rolling mountain slopes; SW. exposure and drainage. Soil, gravelly clay loam; 2nd rate. Timber, aspen, oak, juniper and mahogany. Undergrowth, sagebrush, snow berry brush, and oak brush; grass. Fair grazing.

Beginning at the corner of sections 7, 8, 17, and 18.

Thence

N. 0° 04' W., between sections 7 and 8.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 80 ft. along a NE. slope.

- 5.70 First Water, drs. NW. small stream of water in the bottom; ascend 105 ft. along a SW. slope.
- 21.40 Spur, projects S. 80° W.; descend 20 ft. along a NE. slope.
- 35.00 Draw, drains S. 70° W.; ascend along a SW. slope.
- 40.00 On a SW. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins.

DIVISION OF T. 9 S., R. 6 E.

Chains

Set in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S7 | S8

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the post. No suitable trees available for marking.

Ascend 55 ft. along a SW. slope.

53.40 Spur, projects N.80°W.; descend 85 ft. along a NE. slope to the draw.

56.50 Trail, bears NE. and SW.

59.40 Second Water, dra. S.60°W. stream of water, 8 links wide, 3 ins. deep, in bottom; ascend 70 ft. along a SW. slope.

77.70 Spur, projects SW.; descend along a NW. slope.

80.00 On a NW. slope.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, for the corner of sections 5, 6, 7, and 8, with brass cap marked

T9S R6E

S6 | S5

S7 | S8

1935

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the post. No suitable trees available for marking.

Land, rolling mountain slopes; NW. exposure and drainage. Soil, heavy clay and shale; 3rd rate.

Timber, aspen.

Undergrowth, sagebrush, service berry, and oak brushes; grass.

Fair grazing.

N.89°58'E., on random line, between sections 5 and 8.

40.00 Set temporary $\frac{1}{4}$ section corner.

80.12 Intersect the N. and S. line at a point 9 links S. of the corner of sections 4, 5, 8, and 9.

Thence

S.89°54'W., on true line, between sections 5 and 8.

Over rolling land, through scattering timber and a medium dense undergrowth; descend 50 ft. along a NW. slope to the draw.

.80 Trail, bears NE. and SW.

2.10 Second Water, dra. SW. stream of water in the bottom, 3 links wide, 3 ins. deep; ascend 25 ft. along a SE. slope.

3.90 Spur, projects S.; descend 65 ft. along a SW. slope.

10.10 Recross Second Water, stream of water, drains S.70°W. from SE.; ascend 20 ft. along a SE. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

34.40 Spur, projects 5 chains S., thence SW.; descend 75 ft. along a W. slope.

40.06 On a W. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \hline \text{S } 8 \\ 1935 \end{array}$$

from which

An oak, 3 ins. diameter, marked BT, only, bears N.50° 00'W., 5 links distant.

No other suitable tree available for marking. Deposit a sandstone rock, 6x4x2 ins., marked with a cross (X) at the base of the post.

Descend 40 ft. along a W. slope.

46.00 Small draw, drains S.; ascend 150 ft. along a SE. slope.

58.30 Spur, projects SW.; descend 110 ft. along a NW. slope.

80.12 The corner of sections 5, 6, 7, and 8.

Land, rolling mountain slopes; general SW. exposure and drainage.

Soil, heavy clay and shale; 3rd rate.

Timber, oak and aspen.

Undergrowth, sagebrush, snow berry brush, and oak brush.

Fair grazing.

West, on true line, between sections 6 and 7.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend along a NW. slope to the draw.

2.00 Trail, bears N.10°W. and S.10°E.

7.80 Draw, drains S.; ascend over an E. slope.

12.70 Spur, projects S.; descend along a SW. slope.

16.30 Draw, drains S.15°W.; ascend along a SE. slope.

20.00 Spur, projects S.10°E.; descend over a W. slope.

26.10 Draw, drains S.20°W.; ascend 100 ft. along a SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diameter, 12 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 6 \\ \hline \text{S } 7 \\ 1938 \end{array}$$

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Ascend 45 ft. along a SE. slope.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

- 47.40 Spur, projects S.; descend 65 ft. along a SW. slope.
- 52.20 Draw, drains S.30°W.; ascend 180 ft. along a SE. slope to spur.
- 63.90 Trail, bears N.30°E. and S.80°W.
- 69.80 Spur, projects S.10°W.; descend 260 ft. along a SW. slope.
- 78.30 Draw, drains S.30°W.; ascend 55 ft. along a SE. slope.
- 80.00 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of lots 10 and 11, in section 6, and lots 1 and 2, in section 7, with brass cap marked

T9S R6E

S6

11 | 10

2 | 1

S7

1938

Deposit a sandstone rock, 5x5x4 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Ascend 220 ft. along a SE. slope.

- 91.10 Spur, projects S.25°W.; descend 395 ft. along a SW. slope.
- 101.90 Draw, drains S.30°W.; ascend 120 ft. along a SE. slope.
- 109.10 Spur, projects S.; descend 100 ft. along a SW. slope.
- 113.80 Draw, drains S.25°E.; ascend 165 ft. along a SE. slope.
- 120.10 Spur, projects S.10°E. from N.10°E.; descend 120 ft. along a NW. slope.
- 122.94 Intersect the east boundary of section 1, T. 9 S., R. 5 E., at a point 11.14 chains S. of the $\frac{1}{4}$ section corner of sections 1 and 6, an iron post, 1 in. diameter, firmly set, properly marked and witnessed, as described in the official record. As this corner now stands for section 1, only, I destroy the marks referring to section 6.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 6 and 7, with brass cap marked

T9S

R5E R6E

S6

S1 | CC

S7

1938

from which

An oak, 4 ins. diameter, marked BT, only, bears S.16°15'E., 30 links distant.

No other suitable tree available for marking.

SUBDIVISION OF T. 9 S., R. 6 E.

Chains

Land, rolling mountain slopes; SW. exposure and drainage.
 Soil, gravelly clay loam; 3rd rate.
 Timber, oak and aspen.
 Undergrowth, sagebrush and oak brush. Grass.
 Fair grazing.

Beginning at the corner of sections 5, 6, 7, and 8.

Thence

N. 0° 04' W., on true line, between sections 5 and 6.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 130 ft. along a NW. slope.

18.90 Draw, drains SW.; ascend along a SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap mkd.

$\frac{1}{4}$
 S6 | S5
 1935

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of the post. No suitable trees available for marking.

42.76 Intersect the S. boundary of section 32, T. 8 S., R. 6 E., at a point 15.54 chains N. 89° 36' E. of the $\frac{1}{4}$ section corner of section 32, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diameter, 15 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 5 and 6, T. 9 S., R. 6 E., with brass cap marked

T8S R6E
 S32
 S6 | S5
 T9S R6E
 CC
 1935

Deposit a sandstone rock, 5x5x3 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Land, rolling mountain slopes; drainage, S.
 Soil, gravelly clay loam; 3rd rate.
 Timber, oak.
 Undergrowth, sagebrush and oak brush.
 Fair grazing.

ESTABLISHMENT OF $\frac{1}{4}$ SECTION CORNERS

BETWEEN CLOSING CORNERS ON THE WEST BOUNDARY.

Section 6.

At a point 1.73 chains S. of the closing corner of T. 9 S., R. 5 and 6 E., heretofore described.

MEMPHIS MOISTURE ESTABLISHMENT ON $\frac{1}{4}$ SECTION CORNERS
 YLADITION BETWEEN CLOSING CORNERS ON THE WEST BOUNDARY.

116

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 6, only, with brass cap marked.

 $\frac{1}{4}$ S6

1938

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, east of the post.

Section 7

The corner of sections 1, 6, 7, and 12, on the east boundary of T. 9 S., R. 5 E., an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record, now stands for sections 1 and 12, only, and I destroy the marks referring to sections 6 and 7, and

At a point 10.91 chains south

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 7, only, with brass cap marked

 $\frac{1}{4}$ S7

1938

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, east of the post.

Section 18.

The corner of sections 7, 12, 13, and 18, on the east boundary of T. 9 S., R. 5 E., an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record, now stands for sections 12 and 13, only, and I destroy the marks referring to sections 7 and 18, and

At a point 10.67 chains south

Set an iron post, 3 ft. long, 1 in. diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner of section 18, only, with brass cap marked

 $\frac{1}{4}$ S18

1938

from which

A cottonwood, 12 ins. diameter, marked $\frac{1}{4}$ S18 BT, bears S. 78° 45' E., 33 links distant.

No other suitable tree available for marking.

Section 19

The corner of sections 13, 18, 19, and 24, on the east boundary of T. 9 S., R. 5 E., an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record, now stands for sections 13 and 24, only, and I destroy the marks referring to secs. 18 and

70

**ESTABLISHMENT OF $\frac{1}{4}$ SECTION CORNERS
BETWEEN CLOSING CORNERS ON THE WEST BOUNDARY.**

19, and

At a point 10.56 chains S.0°09'E.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the $\frac{1}{4}$ section corner of section 19, only, with brass cap marked

$\frac{1}{4}$ S19
1938

from which

An oak, 5 ins. diameter, marked $\frac{1}{4}$ S19 BT, bears N.59°10'E., 63 links distant.

No other suitable tree available for marking.

Section 30

The corner of sections 19, 24, 25, and 30, on the east boundary of T. 9 S., R. 5 E., an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record, now stands for sections 24 and 25, only, and I destroy the marks referring to sections 19 and 30, and

At a point 1.585 chains S.0°12'E.

Set an iron post, 3 ft. long, 1 in. diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner of section 30, only, with brass cap marked

$\frac{1}{4}$ S30
1938

Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Section 31

The corner of sections 25, 30, 31, and 36, on the east boundary of T. 9 S., R. 5 E., an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record, now stands for sections 25 and 36, only, and I destroy the marks referring to sections 30 and 31, and

At a point 10.51 chains S.1°12'E.

Set an iron post, 3 ft. long, 1 in. diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner of section 31, only, with brass cap marked

$\frac{1}{4}$ S31
1938

from which

A juniper, 5 ins. diameter, marked $\frac{1}{4}$ S31 BT, bears S.44°05'E., 27 links distant.

No other suitable tree available for marking.

ESTABLISHMENT OF THE CORNER OF LOTS 11 AND 12
ON THE SOUTH BOUNDARY OF SECTION 31.

At a point 40.00 chains west of the $\frac{1}{2}$ section corner of sections 6 and 31, on the south boundary of the township.

Set an iron post, 3 ft. long, 1 in. diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of lots 11 and 12, section 31, with brass cap marked

T9S R6E

S31

11|12

S6

T10S R6E

1938

from which

A pine, 24 ins. diameter, marked T9S R6E S31 L12 BT, bears N.63°00'E., 13 links distant.

No other suitable tree available for marking.

GENERAL DESCRIPTION

and

This fractional township consists of rolling/mountainous land on the west side of Reservation ridge. The slopes are comparatively gentle, and the area is readily accessible to stock. A road now being built by the Forest Service runs diagonally through in a northeasterly direction.

The soil is generally a deep, heavy clay loam, rich in humus. It contains a considerable amount of rock and gravel, and may be classified as second or third rate.

Along the top of ridges and on the higher spurs occur fir, pine, Douglas fir and aspen, and on the lower slopes, pinon, juniper, chokecherry and oak. Along the bottoms of the larger draws are cottonwood. The large timber along the top may be used for lumber.

A medium dense to dense undergrowth covers the entire area, consisting of scrub oak, service berry, snow berry, or deer browse, chokecherry, sagebrush and weeds. There is also a good stand of grass. The undergrowth furnishes good to excellent grazing for stock and sheep. In many places, however, the land is now being overgrazed by sheep, permitting the formation of small gullies.

There is an ample amount of living water for the use of stock, most of the larger draws having small streams of water.

In the eastern part are several patented mining claims, but aside from this no indications of commercial deposits of mineral were encountered.

No magnetic declination was taken on account of a defective needle.

THE UNITED STATES OF AMERICA DEPARTMENT OF JUSTICE

IN SENATE, JULY 1, 1964.

REPORT OF THE ATTORNEY GENERAL
ON THE PROSECUTION OF THE CASE OF
THE UNITED STATES OF AMERICA
V. JAMES EARL RAY

BY
THE
ATTORNEY GENERAL

AND

BY
THE
ATTORNEY GENERAL

IN SENATE,

ON THE PROSECUTION OF THE CASE OF
THE UNITED STATES OF AMERICA
V. JAMES EARL RAY

BY THE ATTORNEY GENERAL

IN SENATE, JULY 1, 1964.

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IN SENATE, JULY 1, 1964.

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Widney R. Reese,	Principal Assistant
Merlin W. Brough,	Principal Assistant
Robert Elliott, Jr.,	Chairman
Clark Baldwin,	"
Philander Maxwell,	"
George Snook,	Flagman
John M. Raley,	"
Woren Bell,	"
John D. Chamberlin,	Cornerman
Leon C. Elliott,	"
Donald Ashby,	"
Richard M. Hales,	"
Max Muir,	Axeman
Robert B. Holmes,	"
Ben B. Morton,	"
William Siegel,	"
Robert Genpler,	"
Red Chappell,	"
Harold Colvin,	"
Kenneth Flygare,	"
Richard H. Willey,	"
Emerson Ritchie,	"
John K. Erickson,	"
Arthur K. Granger,	"
Sh Farley,	"
George Trayner, Jr.,	"

CERTIFICATE OF UNITED STATES SURVEYOR

We, I. Ralph Gentry, Wilson McConkie, and Robert C. Yundt, U.S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Utah,
bearing date of the 9th day of June, 1932, ^{we} I have well, faithfully, and truly
in ~~my~~ ^{our} own proper persons and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States, ~~surveyed all these parts or portions of~~ resurveyed the north
boundary and surveyed the subdivision of Township No. 9 South, Range No. 6 East

of the _____
Salt Lake Meridian, in the State of Utah, which are represented in
the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction; and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
tions, and the special written instructions of the District Cadastral Engineer for Utah,
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

Salt Lake City, Utah, Feb. 9, 1940.

" " " " " "
" " " " " "

Ralph Gentry
Ralph Gentry, Cadastral Engineer,
Wilson McConkie U.S. Surveyor.
Wilson McConkie Public Land Survey
Robert C. Yundt Surveyor.

APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colo., December 18, 1943

The foregoing field notes of the ~~survey of~~ ^{resurvey} of the north boundary and survey of the
subdivision of Township No. 9 South, Range No. 6 East, of the Salt Lake Meridian,
Utah,

executed by Ralph Gentry, Wilson McConkie and Robert C. Yundt,
under the special instructions dated June 9, 1932, 19____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

Donald H. Johnson
U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____
has been correctly copied from the original notes on file in this office.

U.S. Supervisor of Surveys.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF SOUTH BOUNDARY, AND DEPENDENT
RESURVEY AND SURVEY OF A PORTION OF THE SUBDIVISION, COMPLETING
THE SURVEY OF SECTION 35, T. 13 S., R. 2 E.,

Of the Salt Lake Meridian,
the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer

der special instructions dated September 1, 1949, which provided
the surveys included under Group No. 340, approved Sept. 14, 1949
assignment instructions dated September 28, 1949

Survey commenced October 4, 1949.

Survey completed October 13, 1949.

INDEX DIAGRAM

Township 13 South, Range 2 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

869

T. 13 S., R. 2 E.

Chains

The following field notes are those of a survey made by the request of the Bureau of Land Management, Division of Grazing, for the completion survey of section 35, T. 13 S., R. 2 E., Salt Lake Meridian, Utah.

The east 64.00 chains of the south boundary of section 35 was originally surveyed by Chas. Mogo, Deputy Surveyor, in 1856. The east half mile of this boundary was resurveyed by A.D. Ferron, Deputy Surveyor, in 1874, and again by H.D. Page, Deputy Surveyor, in 1903. During 1903, Page completed the survey of the south boundary of section 35. The east and north boundaries of sec. 35, and the north 57.00 chains of the line between secs. 34 and 35, were originally surveyed by Mogo, in 1856. The east boundary of secs 35 and the east half mile between secs. 26 and 35, were resurveyed by A.D. Ferron, in 1874.

The necessary lines of the original and resurveys were retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with a Buff and Buff light mountain transit, serial No. 18003, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to the beginning of the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lallie steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The vertical angle of each measurement was ascertained by clinometer when necessary. Only the horizontal equivalents of the measurements are entered in the field note record. The tape was compared with a standard.

The directions of the lines were determined by deflection angles turned from true meridians determined by hour angle observations made upon Polaris during the progress of the work.

The geographic position of the southeast corner of sec. 35, T. 13 S., R. 2 E., as computed from the data furnished with the special instructions for the survey of Group 340, Utah, is Latitude $39^{\circ}38' N.$, and Longitude $111^{\circ}40' W.$

The mean magnetic declination is $16^{\circ}30' E.$

DEPENDENT RESURVEY S. EDY. SEC. 35, T. 13 S., R. 2 E.

Reestablishment of surveys executed by Chas. Mogo, Deputy Surveyor, in 1856, resurveyed by A.D. Ferron, Deputy Surveyor, in 1874, and by H.D. Page, Deputy Surveyor, in 1903.

The cor. of secs. 1, 2, 35, and 36, on the S. bdy. of T. 13 S., R. 2 E., is marked by a sandstone, $18 \times 12 \times 12$ ins., firmly set in the ground and mound of stone, marked 5 notches on W. edge and 1 notch on E. edge. Cor. is set at the intersection of fence from the N. with fence bearing E. and W.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

125

DEPENDENT RESURVEY S. BDY. SEC. 35, T. 13 S., R. 2 E.

Chains

T13S	R2E
S35	S36
S2	S1
T14S	

1949

Raise a flat mound of stone, 6 ft. in diam., around the post and reset the stone cor. monument alongside same.

Thence, from the above cor.

S. $89^{\circ}18'$ W., bet. secs. 2 and 35.

Along fence line bearing westerly, through dense undergrowth of sagebrush.

6.80 Intersection of fence from the N. with fence bearing E. and W.

20.00 The NW. cor. of fences bearing E. and S.

31.50 Enter grain field, bears NE. and SW.

37.50 Dry channel of Uintah Creek, at the W. edge of cultivated land, 1.50 chs. wide, 10 ft. deep, flows NE.; ascend E. slope of bench through medium dense brush.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35 at proportionate distance; there is no remaining evidence of the $\frac{1}{4}$ sec. cor. of the 1874 resurvey.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

$\frac{1}{4}$	S35
	S2

1949

Raise a flat mound of stone, 6 ft. base, around the post.

Note: The $\frac{1}{4}$ sec. cor. was restored in accordance with the record of the 1903 resurvey, the record of the E. half mile being S. $89^{\circ}16'$ W., 40.05 chs. and the W. half mile, West, 40.00 chs.

N. $89^{\circ}58'$ W., beginning new measurement.

Continue over bench land, through medium dense undergrowth

7.00 Graded road, bears N. 30° E. and S. 30° W.

8.80 Small stream, 3 lks. wide, 2 ins. deep, in channel, 50 lks. wide, 10 ft. deep, flows N. 30° E.

9.20 The N. gable of a large log. cabin used as a recreation place, bears South, 40 lks. dist.

12.00 From this point, the center of several springs known as Uintah Springs, bears South, about 3.50 chs. dist.; ascend 840 ft. over general E. slope of high mountain to the W.

24.00 No trace of the post set by the 1856 survey found.

DEPENDENT RESURVEY S. BDY. SEC. 35, T. 13 S., R. 2 E.

Chains

- 34.56 No trace of the closing cor. of secs. 2 and 3, T. 14 S., R. 2 E. found.
- 39.93 The cor. of secs. 34 and 35 which is marked by a sandstone, 18 x 10 x 6 ins., firmly set in a large mound of stone; marks on the cor. monument had worn off. I mark the N. face of the stone, "AP" for an angle point.
- 41.22 Point for the cor. of secs. 34 and 35, at the intersection with a line projected south from the cor. of secs. 26, 27, 34, and 35.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T13S R2E
S34 | S35

S3
T14S R2E

1949

Raise a flat mound of stone, 6 ft. diam., around the post.

Land, E. portion of mile is rolling benches; west portion is steep E. slope of high range of mountains to west.

Soil, shallow sandy loam on the bench land, rocky and gravelly on slope of mountain.

Timber, scattered scrub juniper on slope of mountain; undergrowth of sage, oak, and rose crush.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 2 E.

Reestablishment of surveys executed by Chas. Mogo, Deputy Surveyor, in 1856, and resurveyed by A.D. Ferron, Deputy Surveyor, in 1875.

Commence at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township.

Thence;

N. 1°09' W., bet. secs. 35 and 36.

Over rolling bench land, through dense sagebrush, along fence line bearing northerly.

- 6.20 Enter grain field, bears E. and W.
- 10.00 Intersection of fence from the E. with N. and S. fence.
- 11.80 Intersection of fence from the W. with N. and S. fence.
- 16.60 Intersection of fence from the W. with N. and S. fence.
- 21.30 Intersection of fences bearing E. and W. with N. and S. fence. From this point, a dwelling house, bears West, about 10.00 chs. dist.
- 22.10 Road to Uintah Springs, bears E. and W., at junction of center of lane, 38 lks. wide, from the N.; thence along center of lane.
- 25.50 The E. gable of a large barn, bears West, 2.50 chs. dist.
- 26.70 Junction of fence from the W. with the fence on W. side of lane, bears West, 19 lks. dist.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 2 E.

Chains

39.97 Electric power line, bears northwesterly and southeasterly.

40.49 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36 at the center of N. end of lane, 19 lks. W. of the junction of fence from the E. with N. and S. fence, and 19 lks. E. of NE. cor. of fences bearing S. and W. The cor. monument had been removed and the point is accepted as the best available evidence for the position of the original cor.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

$$\frac{1}{2}$$

S35	S36
-----	-----

1949

Raise a flat mound of stone, 5 ft. diam., around the post.

N. 0°41' W., beginning new measurement.

Continue over cultivated land, along fence line bearing northerly and southerly.

19.90 Intersection of fence bearing E. and W. with N. and S. fence..

37.70 Wash, 20 lks. wide, 10 ft. deep, in wide shallow draw, drains SE.

40.52 The cor. of secs. 25, 26, 35, and 36 of the 1974 resurvey which is marked by a cobblestone, 18 x 12 x 10 ins., firmly set in the ground and mound of stone, marked 1 notch on S. and E. edges. Cor. set at the junction of fence from the S. with fence bearing E. and W.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T13S	R2E
S26	S25
S35	S36

1949

Reset the stone cor. monument alongside the iron post and raise a flat mound of stone, 5 ft. diam., around same.

Land, nearly all under cultivation.

S. 89°07' W., bet. secs. 26 and 35.

Over cultivated land, along fence bearing westerly.

4.30 Wash, 20 lks. wide, 10 ft. deep, in large shallow draw, drains SE.

17.20 Junction of fence bearing E. and S. with E. and W. fence.

27.10 Electric power line, bears NW. and SE.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 2 E.

Chains

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35 at record distance to the W. of the cor. of secs. 25, 26, 35, and 36; there is no remaining evidence of the $\frac{1}{4}$ sec. cor. of the 1874 resurvey.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

	S26
$\frac{1}{4}$	<u>S35</u>
	1949

Raise a flat mound of stone, 5 ft. diam., around the cor. monument.

40.45 Fence, bears N., and S. 30 lks. dist. to the intersection with fence bearing E. and W. Continue over cultivated land along N. side of fence.

61.00 Intersection of fence from the N. with fence bearing E. and W. Leave cultivated land, bears with fence.

62.50 Small circular reservoir, about 4.00 chs. diam.; ascend gradual E. slope of mountainous land through dense brush.

80.00 Point for the cor. of secs. 26, 27, 34, and 35, at record distance to the W. of the cor. of secs. 25, 26, 35 and 36, and at record distance to the S. of the cor. of secs. 22, 23, 26, and 27. There is no remaining evidence of the cor. of secs. 26, 27, 34, and 35, of the 1856 survey and no trace of the 1856 survey could be found to the S. and W. of this cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T17S, R2E	
S27	S26
S34	S35

1949

Raise a large flat mound of stone, 6 ft. diam., around the post.

Cor. set at the W. end of an old fence bearing easterly, on gradual NE. slope, 270 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling bench and mountains.

Soil, shallow dark loam.

Timber, a few scattered juniper on W. portion of mile; undergrowth of sage and oak brush on mountainous land.

N. 1°41' W., bet. secs. 26 and 27.

Along gradual NE. slope of rolling mountainous land, through medium dense brush.

9.00 Shallow draw, drains E.

40.02 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27 at record distance; the $\frac{1}{4}$ sec. cor. monument of the 1874 resurvey was found out of place at a point S. 30°00' E., 75 lks. dist. from the restored cor. point, a sandstone, 16 x 10 x 8 ins., lying on the ground, marked $\frac{1}{4}$ on top face.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 2 E.

Chains

At the restored point for the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

$\frac{1}{4}$
S27 | S26
1949

Reset the stone cor. monument alongside the iron post and raise a small flat mound of stone around same.

Cor. set in small narrow strip of land upon which grain had been raised.

- 44.00 Top of S. rim of hollow, bears E. and W.
- 50.80 Small wash in hollow, 50 ft. below rim, drains E.
- 57.20 Top of N. rim of hollow, bears E. and W.
- 61.00 Enter grain field, bears E. and W.
- 73.35 Electric power line, bears N. $35^{\circ}45'$ W. and S. $35^{\circ}45'$ E.
- 80.04 The cor. of secs. 22, 23, 26, and 27 of the 1874 resurvey which is marked by a cobblestone, 12 x 10 x 8 ins., firmly set in the ground and mound of stone alongside a juniper post, 8 ins. diam., 10 ft. high.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T13S R2E
S22 | S23
S27 | S26
1949

Reset the stone cor. monument alongside the iron post and raise a flat mound of stone, 5 ft. diam., around same.

Land, rolling.
Soil, shallow gravelly loam.
No timber; undergrowth of sage and oak brush.

From the cor. of secs. 26, 27, 34, and 35.

South, bet. secs. 34 and 35.

Ascend gradual NE. slope of rolling mountainous land, through dense brush.

- 7.60 Low spur, slopes E.; descend 220 ft. over SE. slope.
- 25.00 Bottom of hollow, drains NE.; ascend 320 ft. over N. slope to the $\frac{1}{4}$ sec. cor.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35 at record distance; there is no remaining evidence of the $\frac{1}{4}$ sec. cor. of the 1856 survey.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 2 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ S34 \quad | \quad S35 \\ | \\ 1949 \end{array}$$

Raise a flat mound of stone, 5 ft. diam., around the post.

Ascend 280 ft. over NE. slope to spur.

49.30 Spur, slopes NE.; descend 120 ft. to draw.

56.50 Draw, drains NE.; ascend 380 ft. to spur.

76.80 Spur, slopes E.; descend 80 ft. over S. slope to cor.

80.16 The cor. of secs. 34 and 35, on the S. bdy. of the township.

Land, broken and mountainous.

Soil, shallow gravel and rock.

Timber, a few scattered pine and spruce; undergrowth of sage, oak, service berry, maple, and buck brush.

GENERAL DESCRIPTION OF SECTION 35, T. 13 S., R. 2 E.

The east half, and the east half of the northwest quarter of section 35, T. 13 S., R. 2 E., Salt Lake Meridian, Utah, is rolling bench land sloping to the east, nearly all of which is being dry farmed. The remainder of the section consists of the steep east slope of a high rugged range of mountains to the west and is suitable only as a summer grazing range for stock.

No water rises in the section but portions of the SE $\frac{1}{4}$ are irrigated by water diverted from Uintah Springs which are located about S. 73°45' W., 12.50 chs. distant from the $\frac{1}{4}$ sec. cor. of secs. 2 and 35. At the time of the survey, the water from these springs was being piped to the town of Fountain Green, which is located about two miles to the east. A high tension electric power line bears northwesterly and southeasterly through the NE $\frac{1}{4}$ of the section. The only buildings in the section are a house and barn, both located in the SE $\frac{1}{4}$.

No surface indications of mineral were found.

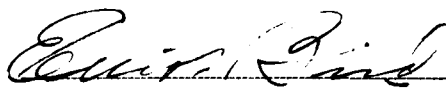
2.1.1.1

CERTIFICATE OF CADASTRAL ENGINEER

I, Elliot Bird, Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of September, 1949 I have ~~surveyed~~ dependently resurveyed a portion of the south boundary, ~~and dependently resurveyed and surveyed~~ a portion of the subdivision, completing the survey of section 35, T. 13 S., R. 2 E.,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

April 28, 1950
Salt Lake City, Utah


Cadastral Engineer


CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
NOV 28 1952
Washington, D. C., _____, 19__

The foregoing field notes of the ~~survey of~~ dependent resurvey of portion of the south boundary, and dependent resurvey and survey of a portion of the subdivision, completing the survey of section 35, T. 13 S., R. 2 E., Salt Lake Meridian, Utah

executed by Elliot Bird, Cadastral Engineer

having been critically examined and found correct, are hereby approved.


Assistant Chief, Division of Cadastral Engineering.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

W A R

FIELD NOTES

DEPENDENT RESURVEY OF THE S., E., AND N. BOUNDARIES,

THE SUBDIVISION OF SECTION LINES, AND SURVEY OF

THE ARRONCO MINE, ALL IN

SECTION 11, T. 13 S., R. 10 E.

Of the Salt Lake Meridian,

The State of Utah

EXECUTED BY

Alph Gentry, Cadastral Engineer, Andrew Nelson, and J. C. Clark,

Assistant Cadastral Engineers

Under special instructions dated September 22, 1939, which provided

the surveys included under Group No. 312, bearing the approval of the

Commissioner of the General Land Office under date of November 7, 1939

supplemental
assignment instructions dated Sept. 2, Sept. 12, and Sept. 26, 1942

Survey commenced September 5, 1942

Survey completed October 2, 1942

INDEX DIAGRAM.

Township 7. 12 South, Range 10 East

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872

DEPENDENT RESURVEY OF
THE BOUNDARIES OF SECTION 11, T. 13 S., R. 10 E.

Chains

The official survey of T. 13 S., R. 10 E., Salt Lake Meridian, is shown upon the township plat approved June 23, 1902. The following field notes are those of a dependent resurvey or reestablishment of the north, south and east boundaries, and the survey of the subdivision of section lines of section 11, T. 13 S., R. 10 E.

Before reconstructing or restoring the corners, the lines of the original survey were retraced, and search was made for evidence of the original corner monuments, and other calls of the field notes. When duly identified or restored, the corner positions were remonumented.

The rules of proportionate measurement were applied in order to ascertain the position of each lost corner, after completing the necessary retracements to connect with the identified corner locations.

The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

Survey commenced September 5, 1942, and executed with W. & L.E. Gurley solar transit No. 371614. The instrument is constructed in accordance with the standard specifications of the General Land Office, and is equipped with a Smith solar attachment and full vertical circle; the horizontal limb is provided with two double verniers placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circle, and of the latitude and declination arcs. The instrument was approved for use on this survey by the district cadastral engineer for Utah, conditional upon satisfactory field tests. The instrument was in good condition at the commencement of this survey, and tested and found free from any appreciable error.

The direction of the lines was determined by angles deflected from controlling meridians established by observations made on Polaris. The method of repetition was used, accumulating the horizontal angles. The angles were repeated four times, with the telescope in direct and reversed positions. The lines were carried forward by taking the mean of direct and reversed sights at each instrument station.

The measurements were made with a Gallic steel tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a Lufkin standard steel tape. The proper pull was determined when the tapes were supported and suspended with spring balances. The measurements were made on the slope, and the vertical angle of each interval was ascertained by the transit; the horizontal equivalents are entered in the field note record.

The approximate geographic position of the SE. corner of sec. 11, as determined from U. S. Geological topographic sheet, "Utah Castlegate Quadrangle", is as follows: latitude $39^{\circ} 42' N.$, longitude $110^{\circ} 46' W.$

DEPENDENT RESURVEY OF
THE BOUNDARIES OF SECTION 11, T. 13S., R. 10E.

Chains

and

Reestablishment of surveys executed by A. D.
Ferron, U. S. Deputy Surveyor, in 1901.

Sept. 9, 1942, at the cor. of secs. 11, 12, 13, and 14, T. 13 S., R. 10 E., approximate latitude $39^{\circ} 42' N.$, longitude $110^{\circ} 46' W.$, at 9h 27m 35s a.m., by my watch which carries correct 105th meridian time, as determined by radio signals, or 9h 04.5 m a.m., l.m.t., I make an hour angle observation upon Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris, east to a well defined reference point about 1 mile to the east.

Mean deflection angle from Polaris,
east to reference point
Azimuth of Polaris,
True bearing of reference point

$91^{\circ} 16.5'$
 $1^{\circ} 18'$
 $N. 89^{\circ} 58.5' E.$

The cor. of secs. 11, 12, 13, and 14, is a sandstone, $12 \times 10 \times 4$ ins., marked 4 grooves on S., and 1 groove on E. face, firmly set in the ground, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, on large boulder to south.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, with original cor. monument deposited at base, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

T13S	R10E
S11	S12
S14	S13

1942

Thence

N. $89^{\circ} 49' W.$, bet. secs. 11 and 14.

Ascend abrupt rocky E. slope, over rough mountainous land, through medium dense undergrowth.

10.00 Spur and top of ledge, 100 ft. high, facing E., 590 ft. above sec. cor., projects S.; descend W. slope, entering dense mahogany.

14.00 Small draw, 90 ft. below spur, course S.; ascend E. slope

21.00 Ridge, 130 ft. above draw, bears N. and S.; descend abrupt rocky W. slope.

30.10 Head of draw, 520 ft. below ridge, course NW.; dense fir timber along draw; thence along N. slope.

39.63 The sec. cor., which is a sandstone, $15 \times 8 \times 6$ ins., marked on N. face, firmly set in the ground, and witnessed by a mound of stone, 3 ft. base, 3 ft. high to the N.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for sec. cor., with brass cap marked

$\frac{1}{2}$ S 11
S14
1942

DEPENDENT RESURVEY OF
THE BOUNDARIES OF SECTION 11, T. 13 S., R. 10 E.

Chains	
	Thence
	N. $89^{\circ} 54'$ W., bet. secs. 11 and 14.
5.00	Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects N. 60° W.; descend steep rocky SW. slope, entering juniper and pinon timber.
22.50	Mouth of draw in Cordingly Canyon, course NW. from SE.; leave timber.
27.00	Road, bears N. 30° E. to Arronco mine, and S. 30° W. to Price, Utah
29.00	Wash, 1 ch. wide, 10 ft. deep, in Cordingly Canyon, 470 ft. below spur, course S. 30° W.; ascend abrupt rocky SE. slope; enter medium dense juniper and pinon timber.
39.65	The cor. of secs. 10, 11, 14, and 15, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official records.
	Cor. stands on rocky SE. slope, on ledge about 30 ft. high, near top of spur, and 400 ft. above canyon.
	Land, rough and mountainous; steep rocky slopes broken by sandstone led es.
	Soil, coarse rocky sandy loam; 3rd to 4th rate.
	Timber, juniper, pinon, and Douglas fir on portions of mile.
	Under growth, medium dense oak, mahogany, sage, and service berry; medium growth of weeds and grass. fair grazing.

	From the cor. of secs. 11, 12, 14, and 15.
	N. $1^{\circ} 37'$ E.; bet. secs. 11 and 12:
	Ascend abrupt SE. slope broken by sandstone ledges, over rough mountainous land along W. side of Allred Canyon, through medium dense under growth, and scattered timber.
5:00	Top of ascent, 140 ft. above sec. cor., slopes E.; descend along steep E. slope.
23.50	Small draw, 200 ft. below top of ascent, course E.; ascend.
34.00	Top of ascent, 270 ft. above draw, slopes E.; descend.
39.75	Small draw, 130 ft. below top of ascent, course E.
40:075	Proportionate dist.; no evidence of the $\frac{1}{4}$ sec. cor. found.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S11 S12
	1942 from which
	A pinon, 8 ins. diam., bears S. $43^{\circ} 45'$ E., 66 lks. dist., marked $\frac{1}{4}$ S12ET.
	Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.
	Thence along steep E. slope.

DEPENDENT RESURVEY OF
THE BOUNDARIES OF SECTION 11, T. 13 S., R. 10 E.

Chains

- 55.00 Draw, 360 ft. below $\frac{1}{4}$ sec. cor., course SE., ascend and SW. slope, broken by ledges.
- 62.00 Top of ascent on point of spur, 500 ft. above draw, SE.; thence along steep E. slope.
- 60.15 The cor. of secs. 1, 2, 11, and 12, which is a sandstone outcrop, 20x20 ft., marked with a cross and 5 grooves to the south, and 1 groove to the east, from which
- A mahogany, 14 ins. diam., bears S. $32^{\circ} 30'$ E., 20 ft. dist., marked T13SR10ES12BT.

At point for cor.

Set an iron post, 12 ins. long, 2 ins. diam., 8 ins. in hole drilled in sandstone outcropping, and surrounded by concrete, for cor. of secs. 1, 2, 11, and 12, with brass cap marked

T13S	R10E
S 2	S 1
S11	S12

1942

Land, mountainous; steep rough slopes broken by sandstone ledges.
Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.
Timber, very scattered juniper and pinon.
Undergrowth, oak, mahogany, sage, and service berry.
Medium growth of weeds and grass. Fair grazing land.

S. $69^{\circ} 57'$ W., bet. secs. 2 and 11.

Ascend steep E. slope over rough mountainous land, through dense mahogany, and scattered oak.

- 16.00 Ridge, 420 ft. above sec. cor., bears N. 50° E., and S. 50° W.; enter scattered undergrowth; descend steep W. slope.
- 17.00 Enter dense fir timber, bears N. and S.
- 72.00 Leave timber, and enter dense oak, service berry, and mahogany, bears N. and S.
- 60.59 On steep W. slope, 500 ft. below ridge.

The $\frac{1}{4}$ sec. cor., which is a sandstone, 15x10x8 ins., firmly set, and marked $\frac{1}{4}$ on E. face, from which

A dead juniper, 6 ins. diam., bears S. 85° W., 30 ft. dist., marked T13SR10ES11BT.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, with original cor. monument deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 2
S 11

1942.

of stone, 3 ft. base, 3 ft. high, N. of cor.

raise a monument

DEPENDENT RESURVEY OF
THE BOUNDARIES OF SECTION 11, T. 13 S., R. 10 E.

Thence . . .
N. 69° 48' W., bet. secs. 2 and 11.

Trail along canyon, bears N. and S.

Wash, 50 lks. wide, 3 ft. deep, in Cordingly Canyon, 460
ft. below 1/4 sec. cor., course S.; ascend abrupt E. slope.

Spur, 740 ft. above canyon, projects S.; descend steep
W. slope.

On steep W. slope, 420 ft. below spur.

The cor. of secs. 2, 3, 10, and 11; which is an iron post,
2 ins. diam., set, marked, and witnessed as described in
the official records.

Land, rough and mountainous; steep rocky slopes.
Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.
Timber, Douglas fir on portion of mile.
Undergrowth, mahogany, oak, service berry, and sage.
Medium growth of weeds and grass. Fair grazing land.

SUBDIVISION OF SECTION 11, T. 13 S., R. 10 E.

From the 1/4 sec. cor. bet. secs. 11 and 14.

N. 1° 05' E., on N. and S. center line, sec. 11.

Descend N. slope over rough mountainous land, through
medium dense under growth.

Draw, 250 ft. below 1/4 sec. cor.; course N. 70° W.; dense
fir timber along draw; ascend rocky S. slope.

Spur, 310 ft. above draw, projects W.; descend W. slope.

Draw, 250 ft. below spur, course N.; ascend.

Top of ascent, 30 ft. above draw, slopes W.; descend.

Draw, 90 ft. below top of ascent, course S. 60° W.; ascend
steep rocky S. slope.

On steep rocky S. slope, 140 ft. above draw.

Set an iron post, 12 ins. long, 1 in. diam., 8 ins. in
hole drilled in sandstone bedrock, and surrounded by
concrete, for center 1/4 sec. cor., sec. 11, with brass cap
marked

C2S11

1942

from which

A juniper, 10 ins. diam., bears S. 69° E., 46 lks.
dist., marked C2S11BT.

A pinon, 8 ins. diam., bears N. 11° 30' W., 13 lks.
dist., marked C2S11BT.

Rocky point of spur, and top of ledge 50 ft. high, 250 ft.
above 1/4 sec. cor., slopes SW.; thence along steep broken
W. slope, entering scattered fir timber.

SUBDIVISION OF SECTION 11, T. 13 S., R. 10 E.

Chains

79.97

The $\frac{1}{2}$ sec. cor. bet. secs. 2 and 11.

Land, rough and mountainous; steep rocky slopes broken by sandstone ledges and outcroppings.
 Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.
 Timber, Douglas fir on portion of mile.
 Undergrowth, oak, service berry, mahogany, and sage.
 Medium growth of weeds and grass. Fair grazing land.

from the $\frac{1}{2}$ sec. cor. bet. secs. 11 and 12.

N. $69^{\circ} 57'$ W., on E. and W. center line,

Ascend abrupt E. slope over rough mountainous land, through medium dense undergrowth.

15.00

Ridge, 620 ft. above $\frac{1}{2}$ sec. cor., bears N. and S.; descend abrupt W. slope broken by small ledges; enter scattered pinon and juniper timber.

34.75

Draw, 510 ft. below ridge, course S.W.; ascend along broken S. slope.

40.21

The center $\frac{1}{2}$ sec. cor., 70 ft. above draw.

47.40

Point of spur, 10 ft. above $\frac{1}{2}$ sec. cor., slopes SW.; descend steep W. slope, leaving timber.

57.50

Wash, 1 chain wide, 6 ft. deep, in Cordingly Canyon, 390 ft. below spur, course S.; ascend E. slope.

60.00

Tipple of Arronco mine,

66.00

Ascend steep NE. slope.

10.20

The $\frac{1}{2}$ sec. cor. bet. secs. 10 and 11, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official records.

Land, rough and mountainous; steep rocky slopes.
 Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.
 Timber, juniper and pinon on portion of mile.
 Undergrowth, oak, service berry, and sage. Medium growth of weeds and grass. Fair grazing land.

UNDERGROUND SURVEY OF ARRONCO MINE, IN SECTION 11, T. 13 S., R. 10 E.

This subsurface survey is made to mark the surface position of the E. and W. center line, between the NW $\frac{1}{4}$ and the SW $\frac{1}{4}$, sec. 11, in the Arronco line. In the underground survey the lines were run by traverse methods. The traverse line was carried into the mine, and a check survey using the same transit stations and continuing the azimuth of the original traverse in the opposite directions back to the entry of the mine. All measurements in the mine, and the surface tie to the entry of the mine are made in the chain unit, and the measurements are converted into the foot unit as shown in parenthesis in these notes.

Sept. 20, 1942, at the $\frac{1}{2}$ sec. cor., between secs. 10 and 11, approximate latitude $39^{\circ} 43' N.$, longitude $110^{\circ} 47' W.$, at 6:22 p.m., by my watch which carries correct

SURVEY OF ARRONCO MINE IN SECTION 11, T. 13 S., R. 10 E.

Station

105th meridian time as determined by radio signals, or 5h 40.3m p.m., l.m.t., I make an hour angle observation upon Polaris, east of the meridian, four each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris, east to a well defined reference point about a mile to the north.

Mean deflection angle, Polaris
east to reference point

0° 02' 30"

Azimuth of Polaris,

1° 06' E.

True bearing of reference point,

N. 1° 08' 30" E.

With the instrument sighted on reference point, I deflect an angle of 87° 33' to the right, thence

N. 88° 41' 30" E., 21.408 chs. (1412.93 ft.) to

0 At portal of main entry to mine.

0 - 1 N. 80° 43' E., 9.139 chs. (603.17 ft.). Along main entry.

1 - 2 S. 63° 10' E., 0.876 " (57.82 ft.). To station No. 2,
at entry right.

2 - 3 S. 24° 15' W., 1.749 " (115.43 ft.) Intersect E. and W.
center line, S. 89° 57' E., 30.485 chs. (2012.01 ft.) from
¼ sec. cor., secs. 10 and 11. At point of intersection
set an iron post, 12 ins. long, 1 in. diam., 9 ins. in
sandstone roof, about 9 ft. high, with brass cap marked

S 11
NW ¼
C ——— C
SW ¼

1942

3 - 4 S. 24° 15' W., 0.63 chs. (41.58 ft.) To station No. 4, in
sandstone roof about
9 ft. high, in return
air course.

From station No. 2.

2 - 5 S. 63° 10' E., 2.099 chs. (138.53 ft.) To station No. 5,
entry right

5 - 6 S. 22° 48' W., 0.703 chs. (46.40 ft.) Intersect E. and W.
center line, S. 89° 57' E., 32.804 chs. (2165.06 ft.) dist.
from ¼ sec. cor., secs. 10 and 11. At point of intersection
set an iron post, 12 ins. long, 1 in. diam., 9 ins. in
sandstone roof about 9 ft. high, with brass cap marked

S 11
NW ¼
C ——— C
SW ¼

1942

6 - 7 S. 22° 48' W., 0.754 chs. (49.76 ft.) To station 7, in
sandstone roof about
10 ft. high, in re-
turn air course.

From station 5

5 - 8 S. 63° 10' E., 1.44 chs. (95.04 ft.) Intersect E. and W.
center line, S. 89° 57' E., 34.361 chs. (2267.82 ft.)
dist. from ¼ sec. cor., secs. 10 and 11. At point of

43

SURVEY OF ARRONCO MINE IN SEC. 11, T. 13 S., R. 10 E.

Station

noisaf

intersection, set an iron post, 12 ins. long, 1 in. dia.
9 ins. in sandstone roof, about 8 ft. high, with brass
marked

S 11
NW $\frac{1}{4}$
C ————— C
SW $\frac{1}{4}$

1942

8 - 9 S. $63^{\circ} 10'$ E., 0.028 chs. (1.85 ft.) To station 9, in
sandstone roof,
about 9 ft. high.

GENERAL DESCRIPTION

Section 11, T. 13 S., R. 10 E., is located in the break of the Book Cliff mountains, and is very rough and mountainous, draining in a southerly direction. A high ridge, about 8400 ft. in elevation, extends north and south through the east portion of section 11, dividing the drainage of Allred canyon to the east, and Cordingly canyon. Cordingly canyon drains southerly through the central portion of section 11. The slopes throughout section 11 are very steep, and broken by sandstone ledges.

The soil is a coarse sandy and clay loam containing considerable rock, and may be classed from 3rd to 4th rate. The soil supports a medium growth of oak, sage, mahogany and service brush, and weeds and grass. Scattered juniper and pinon timber is found throughout the section, and scattered Douglas fir is found along the ridges and spurs.

Indications are that the major portion of the section is underlain with coal.

The west end of the tipple of the Arronco mine is located at the position of the center west $1/16$ sec. cor., and the portal of the mine is in the SE $1/4$ NW $1/4$ section 11. The Arronco mine was operating at the time of this survey. The coal from the mine is transported by motor trucks. There is a fair graded road from the mine to Price, Utah. Price, Utah, is located about 11 miles in a southerly direction from the mine.

The mean magnetic declination was found to be $16^{\circ} 30'$ E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAME

CAPACITY

Calvin B. Fisher

Robert B. Alexander

Ira Leach

Jay Paul Leach

John F. Leach

Alma Leach

CERTIFICATE OF SURVEYOR

We, ~~Ralph Gentry, Andrew Nelson, and J.C. Clark~~, ~~HEREBY CERTIFY~~ upon honor that
pursuance of special instructions bearing date of the 22nd day of September, 1942,
received from the district cadastral engineer for Utah, with supplemental, with assignment
instructions dated Sept. 2, Sept. 12, and Sept. 26, 1942, we have
resurveyed the S., E., and N. boundaries, surveyed the subdivision of
section lines, and surveyed the Arronco line, all in section 11,
T. 13 S., R. 10 E.,
of the Salt Lake Meridian, in the State of Utah, which are
represented in the foregoing field notes as having been executed by ^{us} ~~me~~ and under ^{our} ~~my~~ direction; and that said
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

Jan. 21, 1943.

Ralph Gentry
Cadastral Engineer
Andrew Nelson
Assistant Cadastral Engineer
J. C. Clark
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., NOV 3 1944, to

The foregoing field notes of the ~~survey of~~ dependent resurvey of the boundaries,
the survey of the subdivision of section lines, and the survey of
the Arronco line, all in section 11, T. 13 S., R. 10 E., of the
Salt Lake Meridian

executed by Ralph Gentry, Cadastral Engineer, Andrew Nelson and J. C.
Clark, Assistant Cadastral Engineers
under special instructions dated Sept. 22, 1939, and supplemental, and assignment
instructions dated Sept. 2, Sept. 12, and Sept. 26, 1942, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

[Signature]
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
_____, is a true copy of the original field notes on file in the public survey office.

[Signature]
Supervisor of Surveys.



UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE SECTION BOUNDARIES AND SURVEY OF THE

SUBDIVISION OF SECTIONS 7 AND 18, T. 13 S., R. 11 E.,

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer

and

George W. Johnson, Cadastral Engineer

der special instructions dated September 22, 1939, which provided
the surveys included under Group No. 312, Utah, bearing the approval of the
Commissioner of the General Land Office under date of November 7, 1939
l assignment instructions dated April 17, 1947.

Survey commenced April 24, 1947.

Survey completed May 29, 1947.

INDEX DIAGRAM.

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Subdivision of sections 7 and 18, pages 11 to 17.

All lines surveyed or resurveyed conjointly by
Elliot Bird and George W. Johnson, Cadastral Engineers.

T. 13 S., R. 11 E.

The following field notes are those of a dependent resurvey of the boundaries of secs. 7 and 18, T. 13 S., R. 11 E., Salt Lake Meridian, Utah, and the subdivision of said secs. in order to determine the location of coal leases No. 027304 of Wm. Francis Olson, No. 063058 of Lyod Deyo Sutton, No. 050910 of Fred E. Averett, and No. 048871 of R.B. Crandall. No surface or underground coal workings were found in sec. 17, therefore no surveys or resurveys were made in this sec. The west boundary of secs. 7 and 18 was surveyed by A.D. Ferron, Deputy Surveyor in 1885. The south boundary of sec. 18 was surveyed by him in 1891. Baxter and Talamantes, Deputy Surveyors, in 1900, surveyed the remaining boundaries of secs. 7 and 18, and at this time resurveyed the south boundary of sec. 18. Preliminary to the resurvey of the boundaries of secs. 7 and 18, the lines of the governing surveys were retraced and a diligent search was made for missing corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based upon the governing record, the retracement data are thoroughly verified and the true line field notes are given herein.

The survey was commenced April 24, 1947 and executed with Biff and Biff solar transits Nos. 18007 and 26594, used by Elliot Bird and George W. Johnson, Cadastral Engineers, respectively. The instruments are equipped with Smith solar attachments and have full vertical circles. The horizontal limb of each instrument has two double verniers placed opposite to each other which read to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey by the regional cadastral engineer for Région No. 4, in assignment instructions dated April 17, 1947.

The bearings of the lines of the survey were determined by deflection angles from true meridians established by observations made upon Polaris during the progress of the work. The lines were carried forward by transit lines, taking the mean of direct and reversed sights at each instrument station. A degree of accuracy was maintained in this survey to make it conform to that of a mineral survey.

The measurements were made with a Lallie steel tape 5 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested, comparison being made with a Lufkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle determined at each interval with the transit, and the slope measurements properly reduced to true horizontal distances which appear in this record.

The official plat of T. 13 S., R. 11 E., approved September 6, 1900, gives the SE. cor. of the township as being in latitude $39^{\circ}38' N.$, and longitude $110^{\circ}40' W.$

The mean magnetic declination was found to be $16^{\circ}00' E.$

The latitude and longitude of the SE. cor. of sec. 18, T. 13 S., R. 11 E., as computed from the Utah State official map is approximately as follows; latitude, $39^{\circ}41' N.$, and longitude, $110^{\circ}43\frac{1}{2}' W.$

DEPENDENT RESURVEY PORTION WEST BDY. T. 13 S., R. 11 E.

Chains

Reestablishment of surveys executed by
A.D. Ferron, Deputy Surveyor, in 1885,
and retraced by him in 1890.

The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, on the W. bdy. of
T. 13 S., R. 11 E., is marked by a sandstone, 16 x 16 x
10 ins., firmly set in a large mound of stone, marked $\frac{1}{4}$
on W. face. Cor. is in a good state of preservation.

July 25, 1947; stationed at the above cor., in approximate
latitude $39^{\circ}40'$ N., longitude $110^{\circ}43'$ W., at 10h 59.6m
a.m. correct 105th meridian standard time, I make an hour
angle observation upon Polaris west of the meridian,
making four observations, two each with the telescope in
direct and reversed positions, reading the horizontal
deflection angle from a point of a ledge about 50 chains
to the N., west to Polaris.

Local mean time of observation..... 10h 36.5m a.m.
Mean horizontal deflection angle..... $1^{\circ}31'$
Azimuth of Polaris..... $1^{\circ}15'$ W.
True bearing to point of ledge..... N. $0^{\circ}16'$ E.

Thence, from the above $\frac{1}{4}$ sec. cor.

N. $0^{\circ}16'$ E., bet. secs. 19 and 24.

Ascend 480 ft. over gradual S. slope of broken mountain-
ous land, through medium dense timber and short undergrowth

13.40 Barbed wire drift fence, bears E. and W.

32.00 Base of abrupt ascent over ledgy S. slope, bears E. and W.

41.21 Point for the cor. of secs. 13, 18, 19, and 24, at
proportionate distance; there is no remaining evidence
of the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground and in a large mound of stone, with brass
cap marked

T13S	
R10E	R11E
S13	S18
<hr/>	
S24	S19

1947

from which

A pinon, 10 ins. diam., bears N. 88° E., 12 lks.
dist., marked T13S R11E S18 BT.

A pinon, 8 ins. diam., bears S. 26° E., 51 lks.
dist., marked T13S R11E S19 BT.

No other bearing trees available.

The cor. monument is set on steep ledgy S. slope, 12 lks.
to the E. of the E. face of a sandstone boulder, size
20 x 10 x 10 ft.

Land, rough and mountainous.

Soil, stony clay and sand.

Timber, scrub juniper and pinon.

DEPENDENT RESURVEY PORTION WEST BDY. T. 13 S., R. 11 E.

Chains

Reestablishment of surveys executed by
A.D. Ferron, Deputy Surveyor, in 1885.

N. 0°16' E., bet. secs. 13 and 18.

Ascend 500 ft. over ledgy S. slope of high peak on spur
to the N., through scattered scrub timber.

10.50 Top of ledgy peak on spur, slopes abruptly to the E.;
descend abrupt N. slope 350 ft.

27.00 Gulch, drains E.; ascend ledgy S. slope 250 ft.

35.80 Sharp spur, slopes E.; descend steep NE. slope 260 ft.
to the $\frac{1}{4}$ sec. cor.

41.21 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, at
proportionate distance; there is no evidence of the
original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and surrounded by a large mound of stone, with brass
cap marked

$\frac{1}{4}$

S13 | S18

1947

from which

A pinon, 5 ins. in diam., bears S. 71° E., 30 lks.
dist., marked BT.

Tree too scrubby for other marks and no suitable tree
available in sec. 13.

Continue descent of 240 ft. over NE. slope.

58.30 Draw, drains E., 2.00 chs. dist. to its junction with
Left Fork Dead Man Canyon; ascend 90 ft. over steep E.
slope.

69.40 Top of ascent on E. slope, slopes E., 2.50 chs. dist. to
Left Fork Dead Man Canyon; descend 70 ft. over steep NE.
slope.

76.20 Left Fork Dead Man Canyon, drains S. 20° E.; leave nearly
all timber, bears N. 20° W. and S. 20° E.; ascend 110 ft.
over steep SW. slope to the sec. cor.

82.42 The cor. of secs. 7, 12, 13, and 18, monumented by a
sandstone, 16 x 10 x 6 ins., firmly set, marked 4 notches
on S. edge and 2 notches on N. edge, and witnessed by a
small mound of stone around the cor. monument.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground to solid rock and in a mound of stone, 6 ft. base,
1 ft. high, with brass cap marked

T13S

R10E | R11E

S12 | S7

S13 | S18

1947

DEPENDENT RESURVEY PORTION WEST BDY., T. 13 S., R. 11 E.

Chains

from which

A lone yellow pine, 12 ins. in diam., bears S. 20°30' E.
91 lks. dist., marked T13S R11E S18 BT.

Bury the stone cor. monument alongside the iron post.

Land, broken and mountainous.

Soil, stony clay and sand.

Timber, scrub pinon and cedar with scattered pine and fir;
undergrowth of sage and oak brush.

N. 0°17' W., bet. secs. 7 and 12.

Ascend 220 ft. over general W. slope of broken mountainous land, through very scattered timber and short undergrowth.

4.50 Rocky gulch, 80 ft. deep, drains W.; continue ascent.

13.70 Ascent becomes more gradual, bears NE. and SW.

21.40 Top of ascent on W. slope, descend abruptly 240 ft. over ledgy N. slope.

30.00 Gulch, drains S. 60° W.; ascend 280 ft. to the witness cor. to the $\frac{1}{4}$ sec. cor., over nearly inaccessible ledges.

38.89 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12 at proportionate distance; there is no evidence of the original $\frac{1}{4}$ sec. cor. found. The reestablished point for the $\frac{1}{4}$ sec. cor. falls on the face of inaccessible ledges where it is impracticable to set a cor., therefore at:

39.28 Point for the witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, 5 ft. base, 1 ft. high, with brass cap marked

$\frac{1}{4}$
 S12 | S7
 W C

1947

Bury a limestone, 10 x 10 x 8 ins., marked X, alongside the iron post.

Cor. set at the top of a ledgy spur, slopes S. 70° W.

Descend 180 ft. over general W. slope.

58.00 Rocky gulch, drains SW.; ascend 240 ft. over broken SW. slope to cor.

77.78 The cor. of secs. 1, 6, 7, and 12, monumented by a sandstone, 14 x 10 x 8 ins., firmly set in the ground and a small mound of stone, marked 5 notches on S. edge and 1 notch on N. edge and unwitnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

DEPENDENT RESURVEY PORTION WEST BDY., T. 13 S., R. 11 E.

Chains

T13S	
R10E	R11E
S1	S6
S12	S7

1947

Bury the stone cor. monument alongside the iron post.

Land, broken and mountainous.

Soil, stony sand and clay.

Timber, a few scattered juniper and fir; undergrowth, sage and oak brush.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Reestablishment of surveys executed by A. D. Ferron, Deputy Surveyor, in 1891 and resurveyed by Baxter and Talamantes, Deputy Surveyors, in 1900.

The cor. of secs. 17, 18, 19, and 20, is marked by the stone cor. monument of the 1900 survey, a sandstone, 8 x 8 x 20 ins., firmly set, marked 5 notches on E. edge and 3 notches on S. edge. Cor. is not witnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a flat mound of stone, with brass cap marked

T13S	R11E
S18	S17
S19	S20

1947

from which

A pinon, 4 ins. in diam., bears S. 80° W., 8 lks. dist., marked BT.

A pinon, 8 ins. in diam., bears N. 7° 30' W., 70 lks. dist., marked T13S R11E S18 BT.

No other bearing trees available.

Thence, from the above cor.

S. 88° 29' W., bet. secs. 18 and 19.

Ascend 150 ft. over abrupt E. slope of broken mountainous land, through medium dense scrub timber and short undergrowth.

8.00 Top of main divide ridge, bears N. 5° E. and S. 5° W.; descend 870 ft. over ledgy W. slope to the $\frac{1}{4}$ sec. cor.

20.00 Base of abrupt descent over ledges, bears N. and S.; thence descend more gradual general W. slope through very dense timber.

40.21 The $\frac{1}{4}$ sec. cor. of secs. 18 and 19, monumented by a sandstone 6x8x16 ins., firmly set, marked $\frac{1}{4}$ on N. face.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

S18

$\frac{1}{4}$
S19
1947

153

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Chains

from which

A pinon, 18 ins. in diam., bears S. 39° W., 59 lks. dist., marked $\frac{1}{4}$ S19 BT.

A pinon, 12 ins. in diam., bears N. 50° W., 44 lks. dist., marked $\frac{1}{4}$ S18 BT.

Bury the original cor. monument alongside the iron post.

S. $88^{\circ} 29'$ W., beginning new measurement.

Descend 60 ft. over W. slope.

4.00 Bottom of Dead Man Canyon, drains S.; ascend 580 ft. over broken E. and SE. slopes.

5.00 Graded and gravelled road, bears N. 15° W. to coal mines and S. 15° E. to Price, Utah.

41.00 The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the township.

Land, broken and mountainous.

Soil, sand and clay with a rocky surface.

Timber, juniper and pinon; undergrowth, sage and oak brush.

Reestablishment of surveys executed by Baxter and Talamates, Deputy Surveyors, in 1900.

From the cor. of secs. 17, 18, 19, and 20.

N. $0^{\circ} 03'$ W., bet. secs. 17 and 18.

Ascend 150 ft. along SE. slope of broken mountainous land, through medium dense timber and undergrowth.

14.20 Top of ridge, bears N. 20° W. and bends to S. 20° W.; thence along E. slope of ridge near top of same.

22.80 Recross top of ridge, bears N. 20° E. and S. 20° W.; descend 210 ft. over gradual NW. slope to the $\frac{1}{4}$ sec. cor.

38.50 Low spur, slopes N. 60° W.

40.47 The $\frac{1}{4}$ sec. cor. of secs. 17 and 18, monumented by a sandstone, 20 x 18 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face. The original bearing tree to the cor. had been destroyed.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a small mound of stone, with brass cap marked

$\frac{1}{4}$
 S18 | S17
 1947

from which

A douglas fir, 6 ins. in diam., bears S. $77^{\circ} 30'$ E., 36 lks. dist., marked $\frac{1}{4}$ S17 BT.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Chains

A Douglas fir, 20 ins. diam., bears S. 39° W., 13 lks. dist., marked S18 BT.

Bury the stone cor. monument alongside the iron post.

N. $0^{\circ}03'$ E., beginning new measurement.

Descend 350 ft. over gradual NW. slope, through very scattered timber.

8.10 Low spur, slopes SW.

15.60 Low spur, slopes SW.

19.84 Point for the N. $1/16$ sec. cor. of secs. 17 and 18 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

N $1/16$

S18 | S17

1947

from which

A lone yellow pine, 10 ins. diam., bears N. $19^{\circ}19'$ E., 230 lks. dist., marked N $1/16$ S17 BT.

From this cor., A nail driven in the center of the cross beam at portal to the main haulage-way of the Sutton coal mine, bears S. $57^{\circ}59'$ W., 1.98 chs. dist. On the cross beam at the nail point, is scribed the letters U.S. The tunnel of the mine bears N. $24^{\circ}49'$ E.

23.70 Bottom of deep rocky canyon, drains SW.; ascend 750 ft. over ledgy Sh. slope through medium dense timber to the sec. cor.

29.68 The cor. of secs. 7, 8, 17, and 18, monumented by a sandstone, 18 x 10 x 8 ins., firmly set in the ground and a small mound of stone, marked 5 notches on E. edge and 4 notches on S. edge. Cor. is not witnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

T13S R11E
S7 | S8

S18 | S17

1947

from which

A pinon, 6 ins. diam., bears N. $17^{\circ}45'$ E., 33 lks. dist., marked T13S R11E S8 BT.

A pinon, 4 ins. diam., bears S. $37^{\circ}45'$ E., 15 lks. dist., marked ET.

A pinon, 4 ins. diam., bears S. 76° W., 7 lks. dist., marked BT.

A pinon, 4 ins. diam., bears N. $34^{\circ}30'$ W., 82 lks. dist., marked BT.

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DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Chains

Bury the stone cor. monument alongside the iron post.

Land, rough and mountainous.

Soil, shallow clay and sand with a very rocky surface;
Timber, juniper and pinon, with scattered pine and fir;
undergrowth of mahogany, sage, and oak brush.

N. 89°50' W., bet. secs. 7 and 18.

Ascend 400 ft. over steep ledgy E. slope of rough mountainous land, through medium dense timber and undergrowth.

7.00 Top of ridge, bears N. 20° E. and S. 20° W.; descend 860 ft. over ledgy W. and SW. slopes.

19.92 Point for the E. 1/16 sec. cor. of secs. 7 and 18 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

$$\begin{array}{r} \text{E } 1/16 \frac{\text{S7}}{\text{S18}} \\ 1947 \end{array}$$

From which

A pinon, 12 ins. diam., bears N. 0°30' E., 125 lks. dist., marked E 1/16 S7 BT.

A pinon, 10 ins. diam., bears S. 56°45' W., 72 lks. dist., marked E 1/16 S18 BT.

23.00 Rocky gulch near head, drains S. 60° W.; continue descent over SW. slope.

39.84 The 1/4 sec. cor. of secs. 7 and 18, monumented by a sandstone, 18 x 10 x 6 ins., firmly set in the ground and a small mound of stone, marked 1/4 on N. face and unwitnessed.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{\text{S7}}{\text{S18}} \\ 1947 \end{array}$$

From which

A pinon, 8 ins. diam., bears N. 34°45' E., 45 lks. dist., marked 1/4 S7 BT.

A pinon, 10 ins. diam., bears S. 40°30' W., 80 lks. dist., marked 1/4 S18 BT.

Bury the stone cor. monument alongside the iron post.

N. 89°58' W., beginning new measurement.

Descend steep W. slope, 50 ft. to bottom of Right Fork

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Chains

Deadman Canyon.

0.50 Graded and gravelled road, bears N. 10° W. to coal mine and S. 10° E. to Price, Utah.

2.50 Bottom of Right Fork Deadman Canyon, drains S. 10° E.; ascend 980 ft. over ledgy E. slope through medium dense timber and undergrowth.

21.70 Top of divide ridge between the right and left forks of Deadman Canyon, bears N. and S.; descend abrupt ledgy W. slope 420 ft. to the sec. cor.

40.94 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the township.

Land, broken and mountainous.

Soil, shallow clay and sand with a very rocky surface.

Timber, scrub juniper and piñon with a few pine and fir; undergrowth of mahogany, sage, and oak brush.

From the cor. of secs. 7, 12, 13, and 18.

N. $60^{\circ}41'$ W., bet. secs. 7 and 12.

Ascend 100 ft. over ledgy SE slope of broken mountainous land, through medium dense timber and undergrowth.

6.00 The E. point of a rocky ledge, 100 ft. high; continue abrupt ascent over SE slope.

19.40 Point for the S. $1/16$ sec. cor. of secs. 7 and 12 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

S $1/16$

S7 | S8

1947

Bury a sandstone, 10 x 10 x 6 ins., marked X, alongside the iron post.

37.00 Top of high rough ridge, bears N. 20° E. and S. 20° W.; thence along W. slope of ridge near top.

39.80 The S. sec. cor. of secs. 7 and 12, monumented by a sandstone, 10 x 14 x 4 ins., firmly set, marked X on W. face and unwitnessed.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

S7 | S8

1947

Bury the stone cor. monument alongside the iron post.

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DEPENDENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

Chains N. 0°03' E., beginning new measurement.
 Descend 320 ft. over general NW. and W. slopes to the sea cor.

37.00 Low spur, slopes SW.; continue descent.

40.15 The cor. of secs. 5, 6, 7, and 8, monumented by a sandstone 16 x 10 x 8 ins., firmly set, marked 5 notches on S. and E. edges and unwitnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and in a mound of stone, 4 ft. base, 1 ft. high, with brass cap marked

T13S	R11E
S6	S5
S7	S8

1947

from which

A pinon, 6 ins. in diam., bears S. 29° E., 34 lks. dist., marked T13S R11E S8 BT.

A pinon, 6 ins. in diam., bears S. 29° W., 53 lks. dist., marked T13S R11E S7 BT.

A balsam, 6 ins. in diam., bears N. 83°45' E., 55 lks. dist., marked T13S R11E S5 BT.

No bearing tree available in sec. 6.

Bury the stone cor. monument alongside the iron post.

Land, broken and mountainous.

Soil, shallow clay and sand with a rocky surface.

Timber, juniper and pinon, with scattered pine and fir; undergrowth of mahogany, sage, and oak brush.

S. 89°17' W., bet. secs. 6 and 7.

Descend 480 ft. over abrupt W. slope of rough mountainous land, through medium dense timber and undergrowth.

18.00 Bottom of Right Fork Deadman Canyon, drains S. 20° W.; small seeps of good water in bottom of canyon at this point; ascend 780 ft. over abrupt E. slope to the $\frac{1}{4}$ sec. cor.

39.86 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7 at proportionate distance; the original monument to cor. found lying on the ground out of place at a point; N. 20° W., 15 lks. dist. from the established point for cor., a sandstone, 20 x 6 x 6 ins., marked $\frac{1}{4}$ on bottom face.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

DEPARTMENT RESURVEY PORTION SUBDIVISION, T. 13 S., R. 11 E.

- 1947
 from which
 A yellow pine, 10 ins. diam., bears S. 56°30' W.,
 23 lks. dist., marked S7 BT.
 A yellow pine, 14 ins. diam., bears N. 50°30' W., 52 lks.
 dist., marked S6 BT.
 Bury the stone cor. monument alongside the iron post.
 Ascend E. slope 20 ft. to top of divide ridge.
 41.90 Top of divide ridge bet. the right and left forks of
 Deadman Canyon, bears N. 5° E. and S. 5° W. descend 380
 ft. over abrupt W. slope.
 67.20 Ravine, drains SW.; ascend 280 ft. over abrupt E. slope.
 76.70 Ledge spur, slopes SW.; descend 120 ft. over abrupt W. slope.
 81.21 The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the
 township.

Land, broken and mountainous.
 Soil, shallow clay and sand with rock.
 Timber, juniper, pinon, and scattered bunches of pine and
 fir; undergrowth of mahogany, sage, and oak brush.

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Section 7.

From the $\frac{1}{4}$ sec. cor. of secs. 7 and 18, T. 13 S., R. 11 E.
 N. 0°02' W., on true N. and S. center line of sec. 7.

Ascend 140 ft. over abrupt SW. slope of broken mountainous
 land, through scattered timber and undergrowth.

- 6.00 Top of ascent on spur, slopes S. 70° W.; descend gradual
 W. slope, 90 ft. to the bottom of canyon.
 15.10 Graded road, bears E. 20° E. to coal mine and S. 20° W.
 to Price, Utah.
 18.00 Bottom of Right Fork Deadman Canyon, drains S. 20° W.;
 ascend 10 ft. over broken SE. slope to cor.
 19.40 Point for the center S. 1/16 sec. cor. of sec. 7 at
 proportionate distance.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground and a large flat mound of stone, with brass
 cap marked

C
 S 1/16 | S7
 0

1947

from which

A pinon, 6 ins. diam., bears N. 6°15' W., 91 lks.
 dist., marked CS 1/16 S7 BT.

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Chains

No other suitable bearing tree available.

From this cor., I make the following ties to the portals of coal mines.

A nail driven in the center of the cross beam at the entrance to the abandoned north Olsen coal mine, bears S. $29^{\circ}51'$ E., 4.76 chs. dist. On the cross beam at the nail point, is scribed the letters U.S. The tunnel bears S. $70^{\circ}00'$ E.

A nail driven in the center of the cross beam at the entrance to the main haulage-way of the Olsen coal mine, bears S. $11^{\circ}30'$ E., 8.06 chs. dist. On the cross beam at the nail point, is scribed the letters U.S. The tunnel bears S. $64^{\circ}07'$ E.

A nail driven in the center of the cross beam at the entrance to the abandoned Knight No. 2 coal mine, bears S. $82^{\circ}00'$ W., $4\frac{1}{2}$ links dist. On the cross beam at the nail point, is scribed the letters U.S. The tunnel bears West.

A nail driven in the center of the cross beam at the entrance to the Knight No. 1 coal mine, bears S. $49^{\circ}41'$ W. 8.33 chs. dist. The coal mine is abandoned and the tunnel bears S. $82^{\circ}30'$ W. On the cross beam at the nail point, is scribed the letters U.S.

From the center S. $1/16$ sec. cor., ascend 320 ft. over ledgy SE. slope, through medium dense juniper and pinon timber.

37.00 Top of ascent, slopes E.; descend N. slope 30 ft. to cor.

38.80 Point for the center $\frac{1}{4}$ sec. cor. of sec. 7, at the intersection with the true E. and W. center line.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

C $\frac{1}{4}$ S7

1947

from which

A pinon, 9 ins. diam., bears S. 46° E., 60 lks. dist., marked C $\frac{1}{4}$ S7 BT.

A pinon, 6 ins. diam., bears N. 46° W., 93 lks. dist., marked C $\frac{1}{4}$ S7 BT.

Descend 30 ft. over steep N. slope.

40.80 Rocky gulch, drains S. 80° E.; ascend 820 ft. over steep ledgy S. and SE. slopes to the $\frac{1}{4}$ sec. cor.

71.50 Slope changes from a steep S. slope to a gradual SE. slope

78.32 The $\frac{1}{4}$ sec. cor. of secs. 6 and 7.

Land, broken and mountainous.

Soil, shallow clay, sand, and rock.

Timber, scrub juniper and pinon; undergrowth of mahogany, sage, and oak brush.

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Chains

From the $\frac{1}{4}$ sec. cor. of secs. 7 and 8.

N. $89^{\circ}52'$ W., on true E. and W. center line of sec. 7.

Descend 680 ft. over steep ledgy W. slope of high mountainous land, through medium dense timber and undergrowth.

19.90 Point for the center E. $1/16$ sec. cor. sec. 7 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large mound of stone, with brass cap marked

$$\frac{E \ 1/16}{C \ \frac{S7}{C}}$$

1947

from which

A Douglas fir, 4 ins. in diam., bears N. 45° E., 11 lks. dist., marked CE $1/16$ S7-BT.

No other bearing tree available.

Continue abrupt descent over ledgy W. slope.

27.50 Bottom of Right Fork Deadman Canyon, drains S. 20° W.; ascend 40 ft. over steep E. slope.

28.80 Low spur, slopes S., about 4.00 chs. dist. to end; descend 20 ft. along S. slope.

35.00 Bottom of rocky gulch; drains S. 20° E.; ascend 80 ft. to the center $\frac{1}{4}$ sec. cor.

39.80 The center $\frac{1}{4}$ sec. cor. of sec. 7; ascend 740 ft. over ledgy E. and NE. slopes.

63.00 Top of divide ridge bet. the right and left forks Deadman Canyon, bears N. and S. 20° E.; descend 380 ft. over ledgy W. slope.

72.50 Rocky gulch, drains S. 60° W.; ascend 180 ft. over ledges to the true point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.

80.95 The true point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is S. $0^{\circ}17'$ E., 39 lks. dist., from the witness cor. to the cor. of said secs.

Land, broken and mountainous.

Soil, shallow clay and sand with a very rocky surface.

Timber, juniper and pinon with a few scattered pine and fir; undergrowth, mahogany, sage, and oak brush.

From the E. $1/16$ sec. cor. of secs. 7 and 18.

N. $0^{\circ}04'$ W., on true N. and S. center line of the SE. $\frac{1}{4}$ of sec. 7.

Ascend 210 ft. over steep S. slope of broken mountainous land, through medium dense short undergrowth and timber.

8.50 Spur, slopes abruptly to the W.; descend 150 ft. along steep ledgy W. slope.

12.50 Head of rocky gulch, drains W.; ascend 380 ft. over

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Chains

ledgy SW. slope.

19.40 Point for the SE. 1/16 sec. cor. of sec. 7, at the intersection with the true E. and W. center line of the SE. 1/4 of sec. 7.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

SE 1/16 S7

1947

from which

A pinon, 6 ins. diam., bears S. 85° E., 14 lks. dist., marked SE 1/16 S7 BT.

No other bearing tree available..

24.00 Ledgy spur, slopes N. 70° W.; descend 280 ft. over ledgy N. slope.

38.80 The center E. 1/16 sec. cor. of sec. 7.

Land, broken and mountainous.

Soil, shallow clay and rock with a rocky surface.

Timber, juniper and pinon; undergrowth of mahogany, sage, and oak brush.

From the S. 1/16 sec. cor. of secs. 7 and 8.

N. 89°51' W., on true E. and W. center line of the SE. 1/4 of sec. 7.

Ascend 280 ft. over steep ledgy E. slope of broken mountainous land, through medium dense timber and undergrowth.

7.50 Top of ridge, bears N. 30° E. and S. 30° W.; descend 780 ft. over steep W. slope to bottom of Right Fork Deadman Canyon.

19.91 The SE. 1/16 sec. cor. of sec. 7.

39.00 Bottom of Right Fork Deadman Canyon, drains S. 20° W.; ascend 10 ft. to the center S. 1/16 sec. cor.

39.82 The center S. 1/16 sec. cor. of sec. 7.

Land, rough and mountainous.

Soil, shallow clay and sand with a rocky surface.

Timber, juniper and pinon with scattered pine and fir; undergrowth of mahogany, sage, and oak brush.

Section 18.

From the 1/4 sec. cor. of secs. 18 and 19.

N. 0°16' E., on true N. and S. center line sec. 18.

Ascend 20 ft. over S. slope of broken mountainous land, through medium dense timber and undergrowth.

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Chains

- 4.50 Low spur, slopes W., about 6.00 chs. dist. to end.; descend 30 ft. over N. slope.
- 6.00 Bottom of canyon, drains W., about 6.00 chs. dist. to its junction with Deadman Canyon; ascend 880 ft. over ledgy S. slope.
- 6.50 Graded road, bears E. to a coal mine and W. to Price, Ut.
- 32.00 Top of nearly vertical sandstone ledge, 60 ft. high, faces SW. and bears SE. and NW.
- 35.00 Top of ascent on spur, slopes abruptly S. 70° W.; descend 400 ft. over NW. slope to Right Fork Deadman Canyon.
- 40.87 Point for the center $\frac{1}{4}$ sec. cor. of sec. 18 at the intersection with the true E. and W. center line.
- Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked
- C $\frac{1}{4}$ S18
- 1947
- from which
- A pinon, 16 ins. in diam., bears S. 14° E., 6 lks. dist., marked C $\frac{1}{4}$ S18 BT.
- A pinon, 10 ins. in diam., bears S. 81° E., 13 lks. dist., marked C $\frac{1}{4}$ S18 BT.
- 61.11 Point for the center N. 1/16 sec. cor. of secs. 18 at proportionate distance.
- Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked
- C
N 1/16 $\frac{1}{2}$ S18
C
- 1947
- from which
- A pinon, 8 ins. diam., bears N. 38°30' E., 126 lks. dist., marked CN 1/16 S18 BT.
- A juniper, 6 ins. diam., bears N. 86°30' W., 76 lks. dist., marked CN 1/16 S18 BT.
- 64.80 Graded road, bears N. 5° E. to coal mine and SW. to Price, Utah.
- 65.30 Bottom Right Fork Deadman Canyon, drains SW. from N. 5° E.; ascend along W. side of canyon 100 ft. to the $\frac{1}{4}$ sec. cor.
- 75.15 Intersect the mouth of an old coal prospect tunnel bearing westerly, on top of low spur, slopes E., 2.50 chs. dist. to canyon.
- 77.00 The entrance to an old coal prospect tunnel bearing westerly, bears West, 30 lks. dist.
- 78.80 Recross Right Fork Deadman Canyon, drains S. 5° E.

SUBDIVISION OF SECTIONS

Chains		
80.70	Recross graded road, bears N. 5° W. to coal mine and S. 5° E. to Price, Utah.	02.4
81.35	The $\frac{1}{4}$ sec. cor. of secs. 7 and 18.	00.4
	Land, broken and mountainous. Soil, shallow clay with ledges and rocks. Timber, juniper and pinon with scattered pine and fir; undergrowth of sage and oak brush.	01.0 00.5
	From the $\frac{1}{4}$ sec. cor. of secs. 17 and 18. S. 89°00' W., on true E. and W. center line of sec. 18. Descend 360 ft. over general W. slope of broken mountainous land, through scattered timber and undergrowth, to bottom of deep canyon.	00.7
16.20	Bottom of deep rocky canyon, drains SW.; ascend 780 ft. over steep ledgy E. slope through medium dense timber.	
17.00	Graded road, bears NE. to coal mine and SW. to Price, Utah.	
19.99	Point for the center E. $\frac{1}{16}$ sec. cor. of sec. 18 at proportionate distance. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked	
	$\begin{array}{r} E \frac{1}{16} \\ C \frac{1}{16} \\ S18 \end{array}$ 1947.	
	from which A pinon, 12 ins. diam., bears N. 25° E., 50 lks. dist., marked CE $\frac{1}{16}$ S18 ET. A pinon, 12 ins. diam., bears S. 67°30' E., 34 lks. dist., marked CE $\frac{1}{16}$ S18 ET.	
32.50	Top of high ridge, bears N. 20° W. and S. 20° E.; descend NW. slope 200 ft. to the center $\frac{1}{4}$ sec. cor.	
39.98	The center $\frac{1}{4}$ sec. cor. of sec. 18; descend 810 ft. over NW. slope.	
51.00	Graded road, bears N. to coal mine and S. to Price, Utah.	
52.00	The junction of the right and left forks Deadman Canyon, drains S. from the N. and NW.; ascend 780 ft. over steep NE. slope.	
80.96	The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, on the W. bdy. of the township. Land, rough and mountainous. Soil, shallow clay and sand with a rocky surface. Timber, juniper and pinon with scattered pine and fir; undergrowth of mahogany, sage, and oak brush.	01.0 00.1 00.3

SUBDIVISION OF SECTIONS, T. 13 S., R. 11 E.

Chains

From the center E. 1/16 sec. cor. of sec. 18.

N. 0°10' E., on true N. and S. center line of the NE. $\frac{1}{4}$ of sec. 18.

Ascend 780 ft. over ledgy SE. slope of rough mountainous land, through medium dense timber and undergrowth.

20.04 Point for the NE. 1/16 sec. cor. of sec. 18 at the intersection with the true E. and W. center line.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

NE 1/16 S18

1947

from which

A pinon, 12 ins. diam., bears N. 20° E., 58 lks. dist., marked NE 1/16 S18 BT.

A pinon, 16 ins. diam., bears S. 24°45' W., 20 lks. dist., marked NE 1/16 S18 BT.

21.00 Top of high rocky ridge, bears N. 30° E. and S. 30° W.; descend 520 ft. over broken NW. slope.

40.08 The E. 1/16 sec. cor. of secs. 7 and 18.

Land, rough and mountainous.

Soil, shallow clay and sand, ledges, and rock.

Timber, juniper and pinon with scattered pine and fir; undergrowth of mahogany, sage, and oak brush.

From the N. 1/16 sec. cor. of secs. 17 and 18.

S. 89°35' W., on true E. and W. center line of the NE. $\frac{1}{4}$ of sec. 18.

Descend 120 ft. over steep NW. slope of rough mountainous land, through medium dense timber and undergrowth.

2.20 Bottom of deep canyon, drains S. 20° W.; ascend 570 ft. over ledgy E. slope to top of ridge.

19.95 The NE. 1/16 sec. cor. of sec. 18.

23.80 Ridge, bears N. 30° E. and S. 30° W.; descend 690 ft. over broken NW. slope.

39.90 The center N. 1/16 sec. cor. of sec. 18.

Land, rough and mountainous.

Soil, shallow clay and sand with a very rocky surface.

Timber, juniper and pinon with a few pine and fir; undergrowth of mahogany, sage, and oak brush.

GENERAL DESCRIPTION OF SECS. 7 AND 18, T. 13 S., R. 11 E.

The land within the boundaries of sections 7 and 18, Salt Lake Meridian, Utah, consists of high ridges, deep canyons and gulches, which form the south breaks of a high plateau

GENERAL DESCRIPTION OF SECS. 7 AND 18, T. 13 S., R. 11 E.

to the north and which have a general southerly exposure and drainage. It is of a sandstone formation and is very rough and broken.

The soil is a shallow clay and gravelly loam with a very rocky surface, with numerous ledges and rocky outcroppings.

The timber is a medium dense growth of scrub juniper and pinon, with scattered clumps of pine and fir. On the central portion of the north boundary of section 7, a good growth of yellow pine timber is found.

The undergrowth consists of mahogany, sage, and oak brush.

Two coal mines were in operation in the two sections at the time of the survey. Wm. Francis Olsen was operating a coal mine in section 7, the portal of which is located at a point, S. $11^{\circ}30'$ E., 8.06 chs. distant from the center S. $1/16$ sec. cor. of sec. 7, and Lyod Deyo Sutton was operating a coal mine in section 18, the portal of which is located at a point, S. $57^{\circ}59'$ W., 8.58 chs. distant from the N. $1/16$ sec. cor. of secs. 17 and 18. Surface indications show that the greater portion of the two sections were underlaid with coal.

No portions of the two sections are suitable for farming. The land affords good grazing for stock and is being used as a grazing range for stock under the supervision of the Bureau of Land Management.

Both coal mines have good improved roads leading to them from Price, Utah, which is located about 9 miles to the SW.

The only water found in the two sections are small seeps in the bottom of Right Fork Deadman Canyon in the north part of the NE $1/4$ sec. 7.

Except for the coal, no other indications of oil, oil shale or other minerals were found.

Coal lease No. 0270304 of William Francis Olson, is for the S $1/2$ SE $1/4$ of sec. 7, and the coal lease No. 063058 of Lyod Deyo Sutton, is for the NE $1/4$ NE $1/4$ sec. 18 and the NW $1/4$ NW $1/4$ sec. 17. Sufficient under-ground surveys and explorations were made in both these mines to determine that no coal was being mined beyond the boundaries of the leases.

CERTIFICATE OF SURVEYOR

Elliot Bird and
~~We, George W. Johnson, Cadastral Engineers~~ HEREBY CERTIFY upon honor that,
 pursuant of special instructions bearing date of the 22nd day of September 1939
 received from the district cadastral engineer for Utah, with assignment
 instructions dated April 17, 1947, ~~We~~ ^{We} have ~~surveyed~~ ^{independently resurveyed} the
~~section boundaries and surveyed the subdivision of sections 7 and 18,~~
T. 13 S., R. 11 E.,
 of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction, and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
January 19, 1948
Salt Lake City, Utah.

Elliot Bird Cadastral Engineer
George W. Johnson Office Cadastral
 Engineer, Formerly Cadastral Eng

CERTIFICATE OF APPROVAL

Bureau of Land Management
~~Office of Supervisor of Surveys,~~

NOV 30 1949 19

The foregoing field notes of the ~~survey of~~ ^{dependent resurvey of} the ~~section boundaries~~
 and survey of the subdivision of sections 7 and 18, T. 13 S., R. 11 E.
 of the Salt Lake Meridian, Utah

executed by Elliot Bird and George W. Johnson, Cadastral Engineers,
 under special instructions dated September 22, 1939, and assignment
 instructions dated April 17, 1947, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Earl S. Harrington
 Supervisor of Surveys

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in
 _____, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

12-5-47

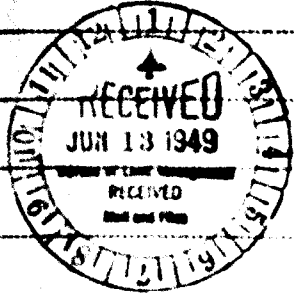
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FIELD NOTES

OF THE

IDENT RESURVEY OF THE NORTH, SOUTH, AND WEST BOUNDARIES, AND SUBDIVISION
OF SECTIONS 17, 24, AND 25, T. 14 S., R. 20 E.



Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Elliot Lird, Cadastral Engineer

and

George H. Johnson, Cadastral Engineer

Under special instructions dated September 22, 1939, which provided
for the surveys included under Group No. 212, Utah, bearing the approval of the
Commissioner of the General Land Office under date of November 7, 1939
and assignment instructions dated April 17, 1947.

Survey commenced June 11, 1947.

Survey completed July 24, 1947.

INDEX DIAGRAM.

Township 14 South, Range 6 East

6	5	4	3	2	1
7	8	9	10	11	12
					11
18	17	16	15	14	13
					8
19	20	21	22	23	24
					4
30	29	28	27	26	25
					2
31	32	33	34	35	36

6-151

Subdivision of sec. 25, page 12.
Subdivision of sec. 24, page 14.
Subdivision of sec. 13, page 17.

All lines surveyed conjointly by Elliot Bird and
George W. Johnson, Cadastral Engineers.

T. 14 S., R. 6 E.

The following field notes are those of a dependent resurvey of the north, south, and west boundaries of secs. 13, 24, and 25, T. 14 S., R. 6 E., Salt Lake Meridian, Utah, and the necessary subdivision of section surveys in said sections to determine the position of coal leases. The authority for the survey is contained in General Land Office letter 1763139 "E", dated April 21, 1939, based upon the request of the Director, Geological Survey. Sufficient explorations were made of the under-ground workings of the coal mines in these sections to determine that no coal mine was being operated beyond the boundaries of the leases, therefore no under-ground surveys were made in the mines.

The boundaries of secs. 13, 24, and 25, T. 14 S., R. 6 E., were surveyed by Andrew J. Stewart, Jr., Deputy Surveyor in 1875. In 1926 and 1927, J.C. Clark resurveyed the east boundaries of the sections while completing the survey of T. 14 S., R. 7 E., under special instructions for the survey of Group 169, Utah, therefore no additional resurvey was necessary for the east boundaries of the sections. The remaining governing boundary lines of the sections were retraced and diligent searches made for all missing corners and other calls of the record. Identified corners are remonumented in their original positions, corners are reestablished and remonumented at proportionate positions based upon the governing record. The retracement data are thoroughly verified and the true line field notes are given herein.

The survey was commenced June 11, 1947, and executed with Bufr and Bufr solar transits Nos. 18003 and 26592, used by Elliot Bird and George W. Johnson, Cadastral Engineers. The instruments are equipped with Smith solar attachments and have full vertical circles. The horizontal line of each transit has two double verniers placed opposite to each other, which read to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey by the regional cadastral engineer for region no. 4, in assignment instructions dated April 17, 1947.

The bearings of the lines of the survey were determined by deflection angles from true meridians determined by hour angle observations made upon Polaris during the progress of the work. The lines were carried forward by transit lines, taking the mean of direct and reversed sights at each instrument station. A degree of accuracy was maintained in this survey to make it conform to that of a mineral survey.

The measurements were made with a Lallie steel ribbon tape 5 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested, comparison being made with a Lufkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle at each interval determined with the transit, and the slope measurements properly reduced to true horizontal distances which appear in this record.

The approximate geographic position of the southeast corner of sec. 25, T. 14 S., R. 6 E., is latitude $39^{\circ}34'$ N., and longitude $111^{\circ}12'$ W., as determined by computation from U.S. Coast and Geodetic Survey triangulation station "Monument", located in sec. 7, T. 14 S., R. 7 E.

The mean magnetic declination was not taken on account of a defective needle.

DEPENDENT RESURVEY PORTION. SUBDIVISION, T. 14 S., R. 6 E.

Chains

Reestablishment of surveys executed by
Andrew J. Stewart, Jr., Deputy Surveyor,
in 1875.

The cor. of secs. 25 and 36, on the E. bdy. of T. 14 S., R. 6 E., is marked by an iron post, 2 ins. diam., firmly set, properly marked and witnessed as described in the official record of the completion survey of T. 14 S., R. 7 E., Group 169, Utah.

Hence, from the above cor.

S. 89°00' W., on a dependent resurvey, bet. secs. 25 and 36.

Ascend 400 ft. over steep NE. slope of high mountainous land, through very dense timber and undergrowth.

39.57 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36 at proportionate distance; no trace of the corner monument of the original survey could be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

S25
—
S36
1947

From which

A white pine, 16 ins. in diam., bears N. 46° E., 15 lks. dist., marked $\frac{1}{4}$ S25 BT.

A white pine, 12 ins. in diam., bears S. 66°30' W., 10 lks. dist., marked $\frac{1}{4}$ S36 BT.

Cor. set on steep NE. slope in dense timber, 11.50 chs. South of the bottom of North Fork Flood Canyon.

Continue ascent of 600 ft. over steep NE. slope through very dense timber and undergrowth.

39.14 Point for the cor. of secs. 25, 26, 35, and 36, determined from the remains of the NW. original bearing tree:

A dead and fallen white pine, 12 ins. diam., bears N. 25° W., 50 lks. dist., upon which I find the scribe marks S26 BT.

No trace of the stone cor. monument or other bearing trees could be found.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

T14S	R6E
S26	S25
S35	S36

1947

from which

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

Chains

A spruce, 6 ins. diam., bears N. $66^{\circ}15'$ E., 24 lks. dist., marked T14S R6E S25 BT.

A spruce, 8 ins. diam., bears S. 33° E., 23 lks. dist., marked T14S R6E S36 BT.

A balsam, 16 ins. diam., bears S. $49^{\circ}30'$ W., 34 lks. dist., marked T14S R6E S35 BT.

A balsam, 6 ins. diam., bears N. 27° W., 12 lks. dist., marked T14S R6E S26 BT.

From this cor., a small spring alongside of which is a watering trough, bears N. $20^{\circ}12'$ E., 33.95 chs. dist.

Land, high and mountainous.

Soil, deep clay and gravelly loam.

Timber, very dense aspen, pine, fir, and spruce, with an undergrowth of dwarf timber, browse, and weeds.

N. $0^{\circ}23'$ E., bet. secs. 25 and 26.

Descend 140 ft. over steep N.E. slope of high mountainous land, through dense timber and undergrowth.

12.20 Head of North Fork Flood Canyon, drains E.; ascend 200 ft. over steep SE. slope.

24.90 Top of high main ridge, bears NE. and ascends SW., about 7.00 chs. dist. to high peak and forks; descend 400 ft. over steep N. slope of burned area to the $\frac{1}{2}$ sec. cor.

40.40 Point for the $\frac{1}{2}$ sec. cor. of secs. 25 and 26 at proportionate distance; no trace of the original cor. monument could be found.

Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

S26 | S25

1947

from which

A lone spruce, 10 ins. diam., bears S. $19^{\circ}30'$ E., 22 lks. dist., marked $\frac{1}{2}$ S25 BT.

Descend 730 ft. over N. and NW. slopes to sec. cor.

60.60 Small stream in small ravine; course NW.; continue descent over NW. slope.

67.30 Bend in logging road, bears SE. and SW.

73.20 Road to coal mine, bears NE. and SW.

77.70 Recross road to coal mine, bears N. 30° E. and S. 30° W.

80.80 Point for the cor. of secs. 23, 24, 25, and 26, at proportionate distance; no trace of the original cor. monument could be found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT

Chains

T14S R6E	
S23	S24
S26	S25

1947

From which

A balsam, 12 ins. diam., bears N. $40^{\circ}30'$ E., 38 lks. dist., marked T14S R6E S24 BT.

A balsam, 10 ins. diam., bears S. 17° E., 8 lks. dist., marked T14S R6E S25 BT.

A balsam, 10 ins. diam., bears S. $76^{\circ}30'$ W., 79 lks. dist., marked T14S R6E S26 BT.

A balsam, 8 ins. diam., bears N. $49^{\circ}30'$ W., 50 lks. dist., marked T14S R6E S23 BT.

From this cor., the cor. of secs. 22, 23, 24, and 27, which is the nearest cor. of control to the west, bears N. $61^{\circ}22'$ W., 77.84 ens. dist. Cor. is marked by the original cor. monument, a sandstone, 15 x 12 x 3 ins., firmly set, marked 2 notches on S. and E. edges, from which

An aspen, 11 ins. diam., bears N. 54° W., 70 lks. dist., marked T14S R6E S22 BT.

No trace of the other bearing trees could be found.

At the cor. point

Set an iron post, 7 ft. long, 2 ins. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

T14S R6E	
S22	S23
S27	S26

1947

From which

A spruce, 16 ins. diam., bears N. $38^{\circ}45'$ E., 68 lks. dist., marked T14S R6E S23 BT.

A spruce, 12 ins. diam., bears S. 16° E., 7 lks. dist., marked T14S R6E S26 BT.

A spruce, 16 ins. diam., bears S. $50^{\circ}15'$ W., 56 lks. dist., marked T14S R6E S27 BT.

A spruce, 16 ins. diam., bears N. 45° W., 36 lks. dist., marked T14S R6E S22 BT.

Land, high and mountainous.

Soil, deep clay and gravelly loam.

Timber, dense pine, aspen, fir, and spruce, on N. portion of mile; undergrowth of sagebrush and dwarf birch.

The cor. of secs. 24 and 25, on the E. edge of the township, is marked by an iron post, 2 ft. long, firmly and properly marked and witnessed as described in the office

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

Chains

record of the completion survey of T. 14 S., R. 7 E.,
Group 169, Utah.

Thence, from the above cor.

S. $89^{\circ}04'$ W., bet. secs. 24 and 25.

Ascend 400 ft. over steep SE. slope of high mountainous
land, through very dense timber and undergrowth.

19.40 Flat top of spur, slopes NE.; descend abruptly over NW.
slope, 110 ft. to ravine.

27.00 Small stream in bottom of narrow ravine, flows NE.; ascend
650 ft. over steep E. slope to top of ridge.

39.505 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, at
proportionate distance; no trace of the original cor.
monument could be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and surrounded by a small mound of stone, with
brass cap marked

S24

S25

1947

from which

A balsam, 6 ins. diam., bears S. $35^{\circ}15'$ E., 36 lks.
dist., marked S25 BT.

A balsam, 10 ins. diam., bears N. 28° W., 26 lks.
dist., marked S24 BT.

Continue abrupt ascent over steep E. slope through very
dense timber.

46.80 Logging road, bears N. and S.

49.30 Top of high main ridge, bears N. 20° E. and S. 20° W.;
descend 580 ft. over steep W. slope to sec. cor.

54.40 Recross logging road, bears NE. and SW.

66.10 From this point, the main haulage entry to the Larson and
Rigby coal mine, bears N. $16^{\circ}00'$ E., 2.32 chs. dist. The
tunnel to the mine bears S. $26^{\circ}15'$ E., and the mine was
being operated at the time of the survey.

66.40 A water pipe line, bears NE. and SW.

70.00 Road to coal mine, bears NE. and SW.; center of group of
three cabins, bears S. $45^{\circ}00'$ W., 2.50 chs. dist.

73.00 The center of a small log hay shed on line.

77.90 Recross road to coal mine, bears N. 30° E. and S. 30° W.

79.01 The cor. of secs. 23, 24, 25, and 26.

Land, high and mountainous.

Soil, deep clay and gravel.

Timber, pine, fir, spruce, and aspen; undergrowth of
sagebrush and dwarf timber.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

Chains

N. $0^{\circ}42'$ E., bet. secs. 23 and 24.

Descend 220 ft. over steep NW. slope of mountainous land, through medium dense timber and undergrowth.

3.80 Road to coal mine, bears NE. and SW:

10.10 Small stream in bottom of deep narrow canyon, flows N. 30° E.; ascend 420 ft. over steep SE. slope.

13.20 Recross road to coal mine, bears NE. and SW.

36.50 Spur, slopes N. 80° E.; descend 100 ft. over steep NE. slope to the $\frac{1}{4}$ sec. cor.40.40 The $\frac{1}{4}$ sec. cor. of secs. 23 and 24, which is marked by a sandstone, $10 \times 10 \times 4$ ins.; firmly set in the ground, marked $\frac{1}{4}$ on W. face, and surrounded by a small mound of stone.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S23 \mid S24 \\ 1947 \end{array}$$

from which

A spruce, 8 ins. diam., bears N. $69^{\circ}30'$ E., 35 lks. dist., marked $\frac{1}{4}$ S24 BT.A spruce, 8 ins. diam., bears N. $46^{\circ}15'$ W., 7 lks. dist., marked $\frac{1}{4}$ S23 BT.

Reset the stone cor. monument alongside the iron post.

N. $0^{\circ}24'$ E., beginning new measurement.

Continue descent of 600 ft. over steep NE. slope to bottom of ravine.

19.90 Small stream in bottom of ravine, flows N. 80° E.; ascend 5 ft. over SE. slope to the north. $1/16$ sec. cor.20.37 Point for the north. $1/16$ sec. cor. of secs. 23 and 24 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

$$\begin{array}{c} N \ 1/16 \\ S23 \mid S24 \\ 1947 \end{array}$$

from which

A balsam, 6 ins. diam., bears S. $22^{\circ}30'$ E., 115 lks. dist., marked N $1/16$ S24 BT.

PRESIDENT RESURVEY PORTION SUBDIVISION. T. 14 S., R. 6 E.

Chains

A balsam, 6 ins. diam., bears S. $7^{\circ}15'$ W., 140 lks. dist., marked N 1/16 S23 BT.

Cor. set at the E. end of the tippie to the Christensen coal mine.

From this cor., the NE. cor. of a frame cabin, bears S. $17^{\circ}00'$ W., 99 lks. dist.

The main entrance to the Houtz coal mine, bears S. $62^{\circ}20'$ E., 13.72 chs. dist. Tunnel to mine bears southerly.

The main entrance to the Christensen coal mine bears N. $49^{\circ}58'$ W., 84 lks. dist. Tunnel bears N. $34^{\circ}30'$ W.

The manway entrance to the Christensen coal mine bears N. $47^{\circ}58'$ W., 1.408 chs. dist.

The entrance to a discontinued coal mine bears S. $52^{\circ}05'$ W., 1.054 chs. dist. Tunnel bears S. $20^{\circ}00'$ W.

The ties to the above coal mines are taken to nails driven in the centers of the cross beams at the entrances to the mines, with the letter "U" scribed to the left of the nails and the letter "S" to the right.

Ascend 240 ft. over steep SE. slope.

34.00 Flat top of spur, slopes NE.; descend 140 ft. over N. slope.

40.74 The cor. of secs. 13, 14, 23, and 24, which is marked by the original cor. monument, a sandstone, 14 x 10 x 8 ins., firmly set, marked 3 notches on S. edge and 1 notch on E. edge. Cor. is not witnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and small flat mound of stone, with cross cap marked

T14S	R6E
S14	S13
S23	S24

1947

from which

A balsam, 10 ins. diam., bears E. 34° E., 48 lks. dist., marked T14S R6E S13 BT.

An aspen, 10 ins. diam., bears S. 47° E., 16 lks. dist., marked T14S R6E S24 BT.

A balsam, 10 ins. diam., bears S. $77^{\circ}30'$ W., 28 lks. dist., marked T14S R6E S23 BT.

A balsam, 10 ins. diam., bears N. $21^{\circ}30'$ W., 85 lks. dist., marked T14S R6E S14 BT.

Land, high and mountainous.

Soil, deep gravelly loam.

Timber, medium dense aspen, pine, and spruce; undergrowth of sagebrush, browse, and dwarf timber.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

Chains

The cor. of secs. 13 and 24 on the E. bay. of the township, is marked by an iron post, 2 ins. in diam., firmly set, properly marked and witnessed as described in the completion survey of T. 14 S., R. 7 E., Group 169, Utah.

Thence, from the above cor.

S. 89°50' W., bet. secs. 13 and 24.

Ascend 90 ft. over steep E. slope through dense aspen timber and undergrowth of sagebrush and dwarf timber.

2.70 Top of high main ridge, bears N. and S.; descend 550 ft. over S. and SE. slopes to spur.

10.60 Head of ravine, drains S. 30° W.; continue descent over S. slope.

28.60 Spur, slopes S. 80° W.; descend 360 ft. over NW. slope through very dense aspen timber,

39.28 Point for the sec. cor. of secs. 13 and 24 at proportionate distance; no trace of the original cor. monument could be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

S13
+
S24

1947

from which

An aspen, 1 ins. diam., bears N. 53°45' E., 20 lks. dist., marked S13 BT.

An aspen, 8 ins. diam., bears S. 30°30' E., 12 lks. dist., marked S24 BT.

Raise a flat mound of stone, 4 ft. base, around the cor. monument.

Descend 250 ft. over W. slope.

49.60 Small stream, flows S. 30° W.

49.70 From this point, the NE. cor. of an old cabin, bears South, 60 lks. dist. The old caved in portal to an old coal mine, bears N. 10° W., 2.20 chs. dist.

51.40 Bottom of Valentine Canyon, drains S. 30° W.; ascend 100 ft. over E. slope.

54.60 Low spur, slopes S. 30° W.; descend 100 ft. over SW. slope to Huntington Creek.

56.00 Utah State Highway No. 31, bears NW. and SE.; thence across level bottom lands of Huntington Canyon, through dense willows.

58.92 Point for the W. 1/16 sec. cor. of secs. 13 and 24, at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

Chains

$$\begin{array}{r} S13 \\ W\ 1/16 \\ S24 \end{array}$$

1947

Bury a sandstone 12 x 10 x 6 ins., alongside the iron post, marked X.

From this cor., a Utah State Engineering Bench Mark, marked elevation 8461.72 feet, which is a brass tablet, 3 ins. diam., set in a large sandstone boulder, bears S. 24°21' W., 7.76 chs. dist.

Continue across swampy bottom lands of Huntington Canyon.

59.90 Huntington Creek, stream 30 lks. wide, 10 ins. deep, in bottom of Huntington Canyon, flows SE.; ascend 400 ft. over steep NE. slope through dense timber.

69.30 Road to coal mine, bears N. 20° W. and S. 20° E.

78.56 The cor. of secs. 13, 14, 23, and 24.

Land, high and mountainous.

Soil, deep gravel with a rocky surface.

Timber, aspen with scattered pine, fir, and spruce; undergrowth of sagebrush and dwarf timber with dense willows in bottom lands of Huntington Canyon.

June 27, 1947: Stationed at the cor. of secs. 13, 14, 23, and 24, in approximate latitude 39°30' N., longitude 111°13' W., at 12h 01.0m p.m. correct 109th meridian standard time, I make an hour angle observation upon Polaris west of the meridian, making 6 observations, three each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 2 mile to the N., in the direction west to Polaris.

Local mean time of observation..... 11h 36.1m a.m.
Mean observed horizontal angle..... 2° 37'
Azimuth of Polaris..... 1° 09' W.
True bearing to flag pole..... N. 1°28' E.

Thence, from the above cor.

N. 1°28' E., bet. secs. 13 and 14.

Descend 400 ft. over steep N. slope of mountainous land, through dense timber and undergrowth to the S. 1/16 sec. cor.

8.00 Road to coal mine, bears N. 60° W. and S. 60° E.

14.00 Small ravine, drains NE.

17.00 Low spur, slopes NE.

20.76 Point for the S. 1/16 sec. cor. of secs. 13 and 14, at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION. T. 14 N. R. 6 E.

Chains	S 1/16 S14 S13 1947	
	from which	
	A spruce, 16 ins. diam., bears S. 64°30' E., 11 lks. dist., marked S 1/16 S13 BT.	
	A spruce, 10 ins. diam., bears S. 76°15' W., 23 lks. dist., marked S 1/16 S14 BT.	
	Descend steep W. slope 140 ft. to Huntington Creek.	
26.60	Huntington Creek in bottom of Huntington Canyon, stream 40 lks. wide, 10 ins. deep, flows S. 70° E.	
28.20	Utah State Highway No. 31, on N. side of bottom of canyon, bears S. 70° E. to Huntington, Utah, and N. 70° W. to Fairview, Utah. Ascend 450 ft. over steep S. slope to the $\frac{1}{4}$ sec. cor.	
39.90	Road to the Arrow Head Coal Mine, bears E. and W.	
41.52	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14 at proportionate distance; no trace of the original cor. monument could be found.	
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked	
	S14 S13 1947	
	from which	
	An aspen, 5 ins. diam., bears N. 41°15' E., 40 lks. dist., marked $\frac{1}{4}$ S13 BT.	
	An aspen, 6 ins. diam., bears S. 81°45' W., 16 lks. dist., marked $\frac{1}{4}$ S14 BT.	
	From this $\frac{1}{4}$ sec. cor., a nail in the cross beam at the main entrance to the Arrow Head Coal Mine, bears N. 15°12' E., 6.23 chs. dist. The mine was not operating at the time of this survey.	
	Ascend 340 ft. over steep S. slope.	
56.40	Spur, slopes S. 80° W.; descend 440 ft. over steep NW. slope through dense pine, fir, and spruce timber, to the $\frac{1}{4}$ sec. cor.	
62.28	Point for the N. 1/16 sec. cor. of secs. 13 and 14, at proportionate distance.	
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked	
	N 1/16 S14 S13 1947	

INDEPENDENT RESURVEY PORTION, SUBDIVISION, T. 14 S., R. 7 E., G. 1.

From which

A spruce, 16 ins. diam., bears N. $52^{\circ}45'$ E., 29 lks. dist., marked N 1/16 S13 BT.

A spruce, 10 ins. diam., bears S. $16^{\circ}30'$ W., 30 lks. dist., marked N 1/16 S14 BT.

83.04 The cor. of secs. 11, 12, 13, and 14, which is marked by a sandstone, 16 x 12 x 4 ins., firmly set, marked by notches on S. edge and 1 notch on E. edge. Cor. is not witnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

T14S R6E	
S11	S12
S14	S13

1947

from which

A spruce, 10 ins. diam., bears N. $39^{\circ}45'$ E., 17 lks. dist., marked T14S R6E S12 BT.

A balsam, 10 ins. diam., bears S. 9° E., 22 lks. dist., marked T14S R6E S13 BT.

A spruce, 14 ins. diam., bears S. $49^{\circ}30'$ W., 10 lks. dist., marked T14S R6E S14 BT.

A balsam, 10 ins. diam., bears N. $13^{\circ}15'$ W., 20 lks. dist., marked T14S R6E S11 BT.

Reset the stone cor. monument alongside the iron post.

From this cor., the portal to the Bigwood Coal Mine, bears S. $16^{\circ}11'$ W., 10.76 chs. dist. Mine is not being operated and is located on the east side of bottom of Cox Canyon.

Land, high and mountainous.
Soil, deep gravel and clay loam.
Timber, aspen, pine, fir, and spruce, with undergrowth of sagebrush and dwarf timber.

The cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, is marked by an iron post, 2 ins. diam., firmly set, marked and witnessed as described in the official record of the completion survey of T. 14 S., R. 7 E., Group 169, Utah.

Thence, from the above cor.

N. $88^{\circ}19'$ W., bet. secs. 12 and 13.

Descend steep W. slope of high mountainous land, through dense timber, 350 ft. to bottom of Valentine Canyon.

3.22 The portal to an old caved in coal mine, bears North, 197 chs. dist. Tunnel to mine bears easterly.

9.20 The NW. cor. of a log cabin, bears North, 1.64 chs. dist.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 14 S., R. 6 E.

- Chains
 13.60 Small stream in bottom of Valentine Canyon, flows SW.; ascend 160 ft. over E. slope.
 22.00 Road to coal mine; bears NE. and SW.
 24.30 Top of ridge, bears NE. and SW.; trail on top bears with ridge; descend 260 ft. over steep NW. slope through dense pine, fir, spruce, and aspen timber.
 27.00 A small spring of good water, bears South, 80 lks. dist.
 29.70 Recross road to coal mine, bears N. 30° E. and S. 30° W.
 38.67 Point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13, at proportionate distance; no trace of the original cor. monument could be found.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked

$$\frac{1}{4} \frac{S12}{S13}$$

1947

From which

A balsam, 14 in. diam., bears S. 50° W., 62 lks. dist., marked $\frac{1}{4}$ S13 BT.

A balsam, 8 ins. diam., bears N. 28° W., 36 lks. dist., marked $\frac{1}{4}$ S12 BT.

Cor. set on NW. slope in very dense timber, much of which is fallen and dead.

Continue descent of 460 ft. over NW. slope to the sec. cor.

51.20 Small ravine, drains NW. to Cox Canyon.

77.34 The cor. of secs. 11, 12, 13, and 14.

Land, high and mountainous.

Soil, deep gravel and clay.

Timber, aspen, pine, fir, and spruce; undergrowth of sagebrush, browse, and dwarf timber.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Section 25.

June 25, 1947: Stationed at the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, T. 14 S., R. 6 E., in approximate latitude 39°34' N., longitude 111°13' W., at 11h 58.8m a.m. correct 105th meridian standard time, I make an hour angle observation upon Polaris west of the meridian, making six observations, three each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about $\frac{1}{2}$ mile to the north, in a westerly direction to the star..

Local mean time of observation..... 11h 33.9m a.m.
 Mean horizontal deflection angle..... 1° 26'
 Azimuth of Polaris..... 1°07' W.
 True bearing to flag pole..... N.0°19'E.

Thence, from the above cor.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains	
	N. 0°19' E., on true N. and S. center line of sec. 25.
	Descend 180 ft. over steep N. slope through very dense timber and undergrowth.
11.50	Small stream in bottom of North Fork Flood Canyon, flows N. 70° E.; ascend 710 ft. over steep S. slope through medium dense aspen timber.
36.00	Leave timber, bears E. and W.
38.00	Top of high bare ridge, bears S. 80° E. and ascends to N. 80° W.; descend 10 ft. along NE. slope to the center $\frac{1}{4}$ sec. cor.
40.39	Point for the center $\frac{1}{4}$ sec. cor. sec. 25, at the intersection with the true E. and W. center line.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked
	C & S25
	1947
	Bury a sandstone, 10 x 10 x 6 ins., alongside the post, marked X.
	Descend 10 ft. along NE. slope to spur.
46.50	Spur, slopes NE.; descend 760 ft. over steep NE. slope to the $\frac{1}{4}$ sec. cor., through very dense timber.
62.20	Logging road, bears N. 30° W. and E.
63.00	Small stream in bottom of narrow ravine, flows NE.; continue descent along steep E. slope.
80.78	The $\frac{1}{4}$ sec. cor. of secs. 24 and 25.
	Land, high and mountainous.
	Soil, deep gravelly loam.
	Timber, aspen, pine, fir, and spruce; undergrowth of sagebrush, browse, and dwarf timber.
	From the $\frac{1}{4}$ sec. cor. of sec. 25, on the E. bdy. of the township, which is marked by an iron post, 1 in. diam., firmly set, marked and witnessed as described in the official record of the completion survey of T. 14 S., R. 7 E., Group 169, Utah.
	S. 89°03' W., on true E. and W. center line of sec. 25.
	Ascend 650 ft. over steep general E. slope of high mountainous land, through very dense timber and undergrowth.
37.50	Leave timber, bears NW. and SE.
39.53	The center $\frac{1}{4}$ sec. cor. of sec. 25.
41.50	Top of high bare ridge, bears N. 80° W. and S. 80° E.; ascend 70 ft. along bare S. slope of ridge.
56.50	Top of high main ridge, bears NE. and SW.; descend 260 ft. over bare NW. slope.
79.06	The $\frac{1}{4}$ sec. cor. of secs. 25 and 26.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains

Land, high and mountainous.
Soil, deep clay and gravel.
Timber, very dense aspen, pine, fir, and spruce on E.
portion of mile; undergrowth of sagebrush and browse.

Section 24.

From the $\frac{1}{4}$ sec. cor. of secs. 24 and 25.

N. $0^{\circ}23'1''$ E., on true N. and S. center line of sec. 24.

Descend 30 ft. along NE. slope of high mountainous land,
through very dense timber and undergrowth.

1.80 Base of descent, bears E. and W.; ascend 140 ft. over
SE. slope.

17.10 Spur, slopes NE.; descend 720 ft. over steep N. slope
through very dense timber to the center $\frac{1}{4}$ sec. cor.

40.10 Point for the center $\frac{1}{4}$ sec. cor. of sec. 24, at the
intersection with the true E. and W. center line.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and a small mound of stone, with brass cap marked

C $\frac{1}{4}$ S24

1947

From which

A spruce, 6 ins. diam., bears N. 56° E., 28 lks.
dist., marked C $\frac{1}{4}$ S24 BT.

A spruce, 6 ins. diam., bears S. 32° E., 19 lks.
dist., marked C $\frac{1}{4}$ S24 BT.

Descend 190 ft. over NW. slope.

47.00 Small stream in bottom of canyon, flows NE.; ascend 140 ft.
over steep SE. slope through scattered timber.

50.30 Road to coal mine, bears NE. and SW.

52.50 Spur, slopes NE.; descend 200 ft. over N. slope to
Huntington Creek.

55.00 Recross road to coal mine, bears N. 80° W. and S. 80° E.

60.35 Point for the center N. $1/16$ sec. cor. of sec. 24 at
proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and a small flat mound of stone, with brass cap
marked

C
N $1/16$ | S24
C

1947

from which

A spruce, 8 ins. diam., bears S. 19° W., 38 lks.
dist., marked CN $1/16$ S24 BT.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains	
	A balsam, 10 ins. diam., bears N. 41° W., 26 lks. dist., marked CN 1/16 S24 ET.
64.00	Huntington Creek, 30 lks. wide, 10 ins. deep, in bottom of Huntington Canyon, flows S. 80° E.
64.80	Utah State Highway No. 31, on E. side of bottom of Canyon, bears S. 80° E. to Huntington, Ut. and N. 19° W. to Fairview, Ut.; ascend S. slope through dense aspen timber, 380 ft. to spur.
77.50	Spur, slopes S. 80° W.; descend 60 ft. over steep N. slope.
80.60	The $\frac{1}{4}$ sec. cor. of secs. 13 and 24. Land, high and mountainous. Soil, deep clay and gravel. Timber, very dense aspen, spruce, pine, and fir; undergrowth of sagebrush, browse, and dwarf timber.
	The $\frac{1}{4}$ sec. cor. of sec. 24, on the E. bdy. of the township, is marked by an iron post, 1 in. diam., firmly set, properly marked and witnessed as described in the official record of the completion survey of T. 14 S., R. 6 E., Group 169, Utah.
	Thence, from the above cor. S. $89^{\circ}34'$ W., on true E. and W. center line of sec. 24. Descend steep SW. slope of rough mountainous land, through dense timber and undergrowth, 210 ft. to Huntington Creek.
7.00	Utah State Highway No. 31, bears SE. to Huntington, Ut. and NW. to Fairview, Ut.
8.00	Huntington Creek in bottom of Huntington Canyon, 10 lks. wide, 10 ins. deep, flows SE.; ascend steep NE. slope through dense timber.
30.80	Spur, slopes N.; descend 60 ft. over steep E. slope to the center $\frac{1}{4}$ sec. cor.
39.63	The center $\frac{1}{4}$ sec. cor. of sec. 24. Descend steep NW. slope 130 ft. to creek.
46.60	Small stream in bottom of canyon, flows NE.; ascend 720 ft. over steep E. slope to the $\frac{1}{4}$ sec. cor.
51.20	Road to coal mine, bears N. 20° E. and S. 20° W.
59.30	Point for the center W. 1/16 sec. cor. of sec. 24. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked
	$\begin{array}{c} \text{W } 1/16 \\ \text{C} \frac{\quad}{\quad} \text{C} \\ \text{S24} \\ 1947 \end{array}$
	from which An aspen, 6 ins. diam., bears S. 25° W., 55 lks. dist., marked CW 1/16 S24 ET.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains

	<p>An aspen, 12 ins. diam., bears N. $17^{\circ}45'$ W., 15 lks. dist., marked OW 1/16 S24 BT.</p>
69.00	Spur, slopes NE.; continue ascent along NE. slope.
78.97	<p>The $\frac{1}{4}$ sec. cor. of secs. 23 and 24.</p> <p>Land, rough and mountainous. Soil, deep gravel and clay. Timber, very dense aspen, fir, pine, and spruce; undergrowth of sagebrush, browse, and dwarf timber.</p>
	<p>From the center W. 1/16 sec. cor. of sec. 24.</p> <p>N. $0^{\circ}24'$ E., on true N. and S. center line of the NW $\frac{1}{4}$ sec. 24.</p> <p>Ascend 30 ft. over SE. slope of high mountainous land, through dense timber and undergrowth.</p>
3.00	Spur, slopes NE.; descend 250 ft. over N. and NE. slopes to the NW. 1/16 sec. cor.
20.32	<p>Point for the NW. 1/16 sec. cor. of sec. 24, at the intersection with the true E. and W. center line of the NW $\frac{1}{4}$ sec. 24.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small flat mound of stone, with brass cap marked</p> <p style="text-align: center;">NW 1/16 S24</p> <p style="text-align: center;">1947</p> <p>from which</p> <p>A spruce, 10 ins. diam., bears S. 79° E., 38 lks. dist., marked NW 1/16 S24 BT.</p> <p>A balsam, 10 ins. diam., bears S. $74^{\circ}30'$ W., 26 lks. dist., marked NW 1/16 S24 BT.</p> <p>Cor. set on the S. edge of a narrow old road to coal mines bears N. 80° E. and S. 80° W.</p> <p>Descend 300 ft. over steep N. slope through very dense timber to Huntington Creek.</p>
28.30	Ravine, drains NE., 3.00 chs. dist. to its junction with Huntington Creek; continue descent.
30.00	Low spur, slopes NE., 2.00 chs. dist. to end; leave timber bears NW. and SE.
33.00	The W. end of a bridge over Huntington Creek, at S. side of Huntington Canyon, a stream 30 lks. wide, 10 ins. deep, flows E. Bridge is for road bears N. 52° E., and SE. to coal mines; thence through dense willows in bottom lands of canyon.
40.64	<p>The W. 1/16 sec. cor. of secs. 13 and 24.</p> <p>Land, high and mountainous. Soil, deep gravel and clay. Timber, aspen, pine, fir, and spruce; undergrowth of sagebrush, browse, and dwarf timber.</p>

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains

- From the center N. $1/16$ sec. cor. of sec. 24.
S. $89^{\circ}42'$ W., on true E. and W. center line of the NW.
sec. 24.
Ascend 300 ft. over NE. slope of mountainous land, through
medium dense timber and undergrowth, to the NW. $1/16$ sec.
cor.
9.20 Small ravine, drains N.
10.60 Road to coal mine, bears NW. and SE.
17.20 Old road to coal mine, bears N. 80° W. and S. 80° E.
19.66 The NW. $1/16$ sec. cor. of sec. 24, at the S. edge of same
road, bears N. 80° E. and S. 80° W.; ascend 140 ft. along
steep N. slope through very dense timber to the N. $1/16$
sec. cor. of secs. 23 and 24.
28.60 Line intersects the coal dump from the Houtz coal mine.
34.90 Small stream in bottom of deep narrow ravine, flows
N. 80° E.
39.32 The N. $1/16$ sec. cor. of secs. 23 and 24.
Land, rough and mountainous.
Soil, deep clay and gravel.
Timber, aspen, pine, fir, and spruce; undergrowth of
sagebrush, browse, and dwarf timber.

Section 13.

- From the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
N. $1^{\circ}04'$ E., on true N. and S. center line of sec. 13.
Descend 60 ft. over NW. slope of high mountainous land,
through dense timber and undergrowth.
14.80 Small stream in bottom of Valentine Canyon, flows S. 30° W.;
ascend SE. slope 160 ft. to the center S. $1/16$ sec. cor.
20.42 Point for the center S. $1/16$ sec. cor. of sec. 13 at
proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and a small mound of stone, with brass cap marked

C
S $1/16$ | S13
C

1947

from which

An aspen, 6 ins. diam., bears N. $58^{\circ}30'$ E., 4 lks.
dist., marked CS $1/16$ S13 BT.

An aspen, 5 ins. diam., bears S. 53° W., 69 lks.
dist., marked CS $1/16$ S13 BT.

From this cor., the portal to an old abandoned coal mine
bears S. $29^{\circ}22'$ W., 10.76 chs. dist. Tunnel to mine bears
northwesterly. Ascend SE. slope 270 ft. to the center $\frac{1}{4}$
sec. cor.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains

40.84

Point for the center $\frac{1}{4}$ sec. cor. of sec. 13, at the intersection with the true E. and W. center line.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and small mound of stone, with brass cap marked

C $\frac{1}{4}$ S13

1947

from which

An aspen, 10 ins. diam., bears N. $45^{\circ}30'$ E., 143 lks. dist., marked C $\frac{1}{4}$ S13 BT.

An aspen, 12 ins. diam., bears S. 29° W., 165 lks. dist., marked C $\frac{1}{4}$ S13 BT.

Ascend 300 ft. over S.E. slope to top of ridge.

52.00 Timber becomes scattered, bears NE. and SW.

61.31 Point for the center N. $1/16$ sec. cor. of sec. 13 at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

C
N $1/16$ | S13
C

1947

from which

An aspen, 10 ins. diam., bears N. $72^{\circ}30'$ E., 82 lks. dist., marked CN $1/16$ S13 BT.

No other bearing tree available.

63.30 Top of high bare ridge, bears N. 35° E. and S. 35° W.; descend 200 ft. over steep NW. slope.

66.00 Enter dense pine, fir, spruce, and aspen timber, bears E. and W.

81.70 The $\frac{1}{4}$ sec. cor. of secs. 12 and 13.

Land, high and mountainous.

Soil, deep clay and gravel.

Timber, aspen, pine, fir, and spruce; undergrowth of sagebrush, browse, and dwarf timber.

The $\frac{1}{4}$ sec. cor. of sec. 13, on the E. bdy. of the township, is marked by an iron post, 1 in. diam., firmly set, properly marked and witnessed as described in the official record of the completion survey of T. 14 S., R. 7 E., Group 169, Utah.

Thence, from the above cor.

N. $89^{\circ}11'$ W., on true E. and W. center line of sec. 13.

Descend 720 ft. over steep W. slope of high mountainous land, through very dense aspen timber.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains

24.50 Small stream in bottom of Valentine Canyon, flows S. 30° W.; ascend 320 ft. over steep SE. slope to the center $\frac{1}{4}$ sec. cor.

38.51 The center $\frac{1}{4}$ sec. cor. of sec. 13; ascend 170 ft. over SE. slope.

47.10 Top of high bare spur, slopes S. 5° E.; descend 530 ft. over SW. slope.

57.99 Point for the center W. $\frac{1}{16}$ sec. cor. of sec. 13, at proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked

W $\frac{1}{16}$
C ————— C
S13

1947

from which

An aspen, 12 ins. diam., bears S. 54° 30' E., 102 lks. dist., marked CW $\frac{1}{16}$ S13 ET.

An aspen, 14 ins. diam., bears S. 82° 45' W., 94 lks. dist., marked CW $\frac{1}{16}$ S13 ET.

69.50 Ravine, drains SW.; ascend steep SE. slope, 140 ft.

77.10 Road to coal mine, bears NE. and SW.

77.47 The $\frac{1}{4}$ sec. cor. of secs. 13 and 14.

Land, high and mountainous.

Soil, deep clay and gravel.

Timber, dense aspen with scattered pine, fir, and spruce; undergrowth of sagebrush and dwarf timber.

From the W. $\frac{1}{16}$ sec. cor. of secs. 13 and 24.

N. 1° 16' E., on true N. and S. center line of the SW $\frac{1}{4}$ sec. 13.

Across level bottom lands of Huntington Canyon, through very dense undergrowth of willows.

8.50 Utah State Highway No. 31, bears S. 30° E. to Huntington, Utah and N. 30° W. to Fairview, Utah; ascend 560 ft. over steep SW. slope through very dense small aspen.

20.59 Point for the SW. $\frac{1}{16}$ sec. cor. of sec. 13, at the intersection with the true E. and W. center line of the SW $\frac{1}{4}$ sec. 13.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat round of stone, with brass cap marked

SW $\frac{1}{16}$ S13

1947

from which

An aspen, 5 ins. diam., bears N. 71° 45' E., 70 lks. dist., marked SW $\frac{1}{16}$ S13 ET.

SUBDIVISION OF SECTIONS, T. 14 S., R. 6 E.

Chains	No other suitable bearing tree available.
22.00	Timber becomes large dense aspen, bears NE. and SW.
41.16	The center W. 1/16 sec. cor. of sec. 13. Land, steep SW. slope of high mountain. Soil, deep clay and gravel with a rocky surface. Timber, aspen with an undergrowth of sagebrush and dwarf timber.
	From the center S. 1/16 sec. cor. of sec. 13. N. 89°41' W., on true E. and W. center line of the SW 1/4 sec. 13. Ascend 100 ft. over steep E. slope of high mountainous land, through dense aspen timber and short undergrowth.
7.00	Spur, slopes S. 20° E.; descend 500 ft. over SW. slope to Huntington Creek.
19.56	The SW. 1/16 sec. cor. of sec. 13.
25.30	Utah State Highway No. 31, at E. side of bottom of Huntington Canyon, bears N. 60° W. and S. 60° E.; thence across level bottom lands of canyon through very dense willows.
27.30	Huntington Creek, 40 lks. wide, 10 ins. deep, flows S. 60° E.; continue through dense willows.
35.60	Leave bottom of Huntington Canyon and ascend 60 ft. over NE. slope through dense pine timber.
39.12	The S. 1/16 sec. cor. of secs. 13 and 14. Land, high and mountainous. Soil, deep clay and gravel with a rocky surface. Timber, aspen and pine; undergrowth of sagebrush and willows.
	From the center E. 1/16 sec. cor. of sec. 13. N. 85°45' W., on true E. and W. center line of the NW 1/4 of sec. 13. Over level bare S. slope of high ridge.
1.70	Top of high bare ridge, bears N. 80° E. and S. 80° W.; descend 220 ft. over gradual N. slope of ridge to the head of ravine, through scattered timber.
10.60	Recross top of ridge, bears N. 80° W. and S. 80° E.; thence descend along S. slope near top of ridge.
26.70	Head of ravine, drains S.; ascend 50 ft. over SE. slope.
31.70	Recross top of ridge, bears N. 80° E. and S. 80° W.; descend 180 ft. over NW. slope through pine timber to cor.
38.81	The N. 1/16 sec. cor. of secs. 13 and 14. Land, high and mountainous. Soil, deep clay and gravel. Timber, aspen with scattered pine, fir, and spruce; undergrowth of sagebrush and browse.

GENERAL DESCRIPTION

The land within the boundaries of sections 13, 24, and 25, T. 14 S., R. 6 E., Salt Lake Meridian, Utah, is high and mountainous and has a general northeasterly and southwesterly exposure and drainage into Huntington Canyon. Huntington Canyon is at an elevation of about 8,000 feet above sea level and the northeast portion of sec. 13 and the southwest portion of sec. 25, is at an elevation of about 10,500 feet above sea level. The slopes of the high ridges and spurs are very abrupt. In general, the south slopes are covered with a medium dense growth of aspen timber while that on the north slopes consists of a dense growth of pine, fir, and spruce, some of which is large enough to have a commercial value. The undergrowth consists of a short growth of sagebrush, browse, weeds, grass, and dwarf timber, which affords excellent grazing for stock.

An abundant supply of water was found in most parts of the three sections, the largest of which is Huntington Creek, a stream of good clear water about 40 links wide and 10 inches deep, which flows in a southeasterly direction through the NW SW, sec. 13 on the NE and SE, sec. 24. Utah State Highway No. 71 follows along the N. side of the creek, and bears southeasterly about 75 miles distant to Huntington, Utah and northwesterly about 20 miles distant to Fairview, Utah.

Considerable coal was found in all three of the sections but at the time of the survey, the only coal vein mined was at the Larson and High coal mine, the portal of which is located at a point, 1/4 Sec. 13, 1/4 Sec. 25, dist. from the cor. of sec. 13, 24, 25, 1/4 mi. The portal of this mine bears S. 45° E. 1/2 mi. The portal to the main haulage entry to the Larson and High coal mine is located at a point, 1/4 Sec. 13, 1/4 Sec. 25, dist. from the cor. of sec. 13, 24, 25, 1/4 mi. The mine was recently been operated and at the time of the survey, the mine was not in operation. Several other old mines in the sections were located, but from all indications, these mines have not been in operation for several years. The coal was the only indication of mineral found.

No portions of the three sections are suitable for farming. The sections are within the boundary of the Anti National Forest, and are also within a grazing range for stock under the supervision of the Forest Service.

FIELD ASSISTANTS

0 - N412

CERTIFICATE OF SURVEYOR

Elliot Bird, and
~~We~~, George W. Johnson, Cadastral Engineers HEREBY CERTIFY upon honor that,
 pursuant of special instructions bearing date of the 22nd day of September 1939
 received from the district cadastral engineer for Utah, with assignment
 instructions dated April 17, 1947, ^{we} ~~I have surveyed~~ made a dependent resurvey of
 the north, south and west boundaries and subdivision of sections 13,
 24, and 25, T. 14 S., R. 6 E.,
 of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by ~~us~~ and under ~~my~~ ^{our} direction, and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
 Salt Lake City, Utah.
 February 9, 1948

Elliot Bird Cadastral Engineer.
George W. Johnson Office Cadastral Engineer, Formerly Cadastral Engineer.

CERTIFICATE OF APPROVAL

Bureau of Land Management
~~Office of Supervisor of Surveys,~~

NOV 30 1949

19

The foregoing field notes of the ~~survey of~~ dependent resurvey of the north, south,
 and west boundaries and subdivision of sections 13, 24, and 25,
 T. 14 S., R. 6 E.,
 executed by Elliot Bird and George W. Johnson, Cadastral Engineers,
 under special instructions dated September 22, 1939, and assignment
 instructions dated April 17, 1947, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Earl G. Harrington
 Supervisor of Surveys
 Chief, Division of Engineering

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Dependent Resurvey

of

Portion of the Subdivision

and

Subdivision and Small Tract Survey

of

Section 9 of Township 14 South, Range 10 East

Of the Salt Lake Meridian,

the State of

(Tn).

EXECUTED BY

Andrew Nelson, Cartographic (Geodetic) Engineer

Under special instructions dated November 17, 1955, which provided

for the surveys included under Group No. 415, approved January 12, 1956

and assignment instructions dated May 16, 1956

Survey commenced May 23, 1956

Survey completed June 8, 1956

INDEX DIAGRAM

Township 14 South, Range 10 East

6	5	4	3	2	1
		5			
7	8	4	9	10	7
			11		12
		1			
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 14 S., R. 10 E.

Chains

This survey represents a dependent resurvey of a portion of the subdivision, and survey of the subdivisional lines in section 9, and small tract surveys in the $SE\frac{1}{4}SE\frac{1}{4}$ of section 9, T. 14 S., R. 10 E., Salt Lake Meridian, Utah.

The original survey was made by A. D. Ferron, Deputy Surveyor, in 1880, as represented upon plat approved January 27, 1881.

The survey was made with a light mountain solar transit made by W. & L. E. Gurley, Serial No. 491037, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument is equipped with improved telescopic solar attachment, and was in good condition prior to the beginning of the survey, was tested and found free from appreciable error.

The measurements were made with narrow steel tapes, 5 and 8 chains in length, graduated to tenths of links for the first link, every link for the remainder of the first 100 links, and at each 10 link interval for the remainder. The tapes were tested by comparison with a steel standard 1 chain tape and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by two clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The geographic position of the southeast corner of section 9, T. 14 S., R. 10 E., as computed from U. S. C. & G. S. station "PRICE", is latitude $39^{\circ}36'55.4''$, longitude $110^{\circ}47'49.7''$. Station Price, whose geographic position is latitude $39^{\circ}36'34.356''$, longitude $110^{\circ}48'38.270''$, bears S. $32^{\circ}05' W.$, 38.61 chains distant from the $\frac{1}{4}$ section corner of sections 9 and 16.

The direction of all lines were determined by the transit method with bearings referred to true meridian, as determined from azimuth carried forward from the U.S.C. & G. S. Station Price.

Dependent Resurvey of a Portion of Subdivision of T. 14 S., R. 10 E.

Reestablishment of Survey Executed by A. D. Ferron in 1880

Beginning at the corner of secs. 9, 10, 15, and 16, T. 14 S., R. 10 E., marked by an iron pipe, 1 in. diameter, extending 12 ins. above the ground. This point is accepted by the County Engineer, John Bene, as being at the site of the original corner (stone missing).

Point is in fence line extending east a mile or more and west a half mile or more. This point, also marks the NE. limit of Price, Utah, city boundary, the east boundary of 9th East Street. Accepted as the best available evidence of original corner position.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in concrete post, 8 ins. diam. to cap, with brass cap marked

T14S	R10E
S9	S10
S16	S15
1956	

Dependent Resurvey, Portion of the Subdivision, T. 14 S., R. 10 E.

CHAINS

From this corner the original $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15 bears N. $89^{\circ} 31'$ E., 39.92 chains distant. Corner is marked by a sandstone, 12x10x3 ins., mkd. $\frac{1}{4}$ on N. face, firmly set, with iron pipe driven alongside. Corner stands in E. and W. fence line.

Thence

N. $89^{\circ} 26'$ W., bet. secs. 9 and 16.

Over nearly level valley land, sloping SE.

.50 Thence along fence line.

2.616 Point for $1/1024$ sec. cor. bet. secs. 9 and 16, at proportionate distance, and corner of lots 22 and 23.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

4.74 Junction of fence from the N., on E. side of B.L.M. yard.

10.071 Point for the E-E $1/64$ sec. cor. of secs. 9 and 16, not monumented

11.57 Junction of fence from the N., on W. side of B.L.M. yard.

12.05 Road, bears N. and S.

12.545 Point for the cor. of lots 21 and 22, in line with W. side of 7th East Street.

Set 1 in. iron T. post, 2 ft. long, 20 ins. in the ground, with cap marked Bureau of Land Management.

Drive 2x2 ins. wooden stake, marked for lots 21 and 22, 1 ft. N.

14.145 Point for the cor. of lots 20 and 21.

Set 1 in. iron T. post, 2 ft. long, 20 ins. in the ground, with cap marked Bureau of Land Management.

Drive 2x2 ins. wooden stake, marked for lots 20 and 21, 1 ft. N.

15.745 Point for the cor. of lots 19 and 20.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap marked Bureau of Land Management.

Drive 2x2 ins. wooden stake, marked for lots 19 and 20, 1 ft. N.

17.817 Point for the cor. of lots 17 and 19, in center-line of 6th East Street extending S.

Set 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap marked Bureau of Land Management.

Drive a 2x2 ins. wooden stake marked for lots 17 and 19, 1 ft. N.

20.142 Point for E. $1/16$ sec. cor. bet. secs. 9 and 16, at proportionate distance, and SW. corner of lot 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in concrete post, 8 ins. diam. to cap, with brass cap marked

E1/16 $\frac{S 9}{S 16}$
1966

Dependent Resurvey. Partion of the Subdivision, T. 14 S., R. 10 E.

Chains	
21.30	Drainage ditch, 10 lks. wide, 3 ft. deep, drains SE.
30.20	East base clay hill, bears N. and SW.
31.70	Top of steep slope.
33.30	Desc. 30 ft. to road.
35.70	W. end of fence from the E. turns NW.
36.60	Road, bears NW. to top of bench and SE. to 3rd East Street.
40.284	The $\frac{1}{4}$ sec. cor. of secs. 9 and 16 marked by a 1 in. pipe, 4 ft. long, extending 12 ins. above ground. This point is accepted by the County Engineer, Mr. John Bene, as being the point of the original corner (stone missing). Accepted as the best available evidence of original corner position.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in concrete post, 8 ins. in diam. to cap, with brass cap marked
	$\begin{array}{r} S\ 9 \\ S\ 16 \\ \hline 1956 \end{array}$
	From this cor., U. S. C. & G. S. station "Price" bears S. $32^{\circ} 05'$ W. 36.61 chs. dist. Geographic position is latitude $39^{\circ} 36' 34.356''$ N. longitude $110^{\circ} 48' 38.270''$ W.
	N. $89^{\circ} 27'$ W., beginning new measurement.
3.60	Road, bears NW. and SE.
10.90	Recross same road, bears S. to reservoir and NE.
11.10	Fence along N. side of Olsen Reservoir, bears NW. and SE.
12.15	Fence along W. side of reservoir, bears N. and SW.
21.50	E. base bench, bears N. and S.; asc. 200 ft. over steep E. slope.
31.00	Road on top of bench spur, 60 lks. wide, 220 ft. above $\frac{1}{4}$ sec. cor., bears N. 20° E. and S. 20° W.
	Desc. 200 ft. over steep W. slope to cor.
40.465	The cor. of secs. 8, 9, 16, and 17, marked by original sandstone, $18 \times 12 \times 5$ ins. firmly set in small mound of stone, marked with 4 notches on S. and E. edges.
	from which
	A cedar, 6 ins. diam., bears S. 40° W., 8 lks. dist., mkd. with dim scribe marks.
	At corner point
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground. Original stone and glass buried alongside. Brass cap marked
	$\begin{array}{r} T14SR10E \\ S8\ S9 \\ S17\ S16 \\ \hline 1956 \end{array}$

Dependent Resurvey, Portion of the Subdivision, T. 14 S., R. 10 E.

Chains	
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of post.</p> <p>Corner is located on a gradual NW. slope at W. base of spur, bearing N. 10° W. and S. 10° E.</p> <p>Land, nearly level on E. 60 chains, steep bench slopes on W. end of mile.</p> <p>Soil, clay, shale, and rocky.</p> <p>No timber, scattered shadscale.</p>
	<p>N. 0° 02' E., bet. secs. 8 and 9.</p> <p>Over rolling and broken land along gentle W. slope, across small draws and spur, through scattered scrub cedar and pinon.</p>
.53	Old 3 strand barbed wire fence, bears E. and W.
3.20	Small wash, drains SW.
7.00	Low rise, slopes SW.
12.60	Desc. NW. slope 30 ft.
16.50	Draw, drains S. 80° W.
21.80	Clay spur, 70 ft. above cor., slopes SW.; thence along steep W. slope over spurs and gullies, descending 45 ft. to
30.20	Gulch, drains SW.; asc. 180 ft. abrupt SE. clay slope.
39.10	Top of rim on S. edge of bench, bears NW. and SE. for 1 ch.; thence E.
40.456	<p>The $\frac{1}{4}$ sec. cor. of secs. 8 and 9, mkd. by a sandstone, 15x8x4 ins., firmly set, mkd. $\frac{1}{4}$ on W. face; from which a cedar 6 ins. diam., bears N. 42$\frac{1}{2}$° E., 18$\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ SBT. No trace of other BT.</p> <p>At corner point</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. in the ground, with original stone buried alongside; with brass cap mkd.</p>
	<p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">38 S9</p> <p style="text-align: center;">1956</p>
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.</p> <p>Corner stands on nearly level bench top in scattered timber.</p>
	<p>N. 0° 41' E., beginning new measurement.</p>
4.00	Edge of bench, bears N. 20° E. and S. 30° W.; desc. steep broken W. slope, 220 ft.
22.70	Gulch, drains SW.; heads NE. about 15 chs. at rim; asc. steep broken S. slope, 275 ft.
35.70	S. edge of bench, bears E. and W.; thence over nearly level bench, through scattered timber.

Dependent Resurvey, Portion of the Subdivision, T. 14 S., R. 10 E.

Chains

41.97

The cor. of secs. 4, 5, 8, and 9, mkd. by a sandstone, 30x15x10 ins., firmly set, mkd. with 5 notches on S. and 4 notches on E. edge; from which a cedar, 4 ins. diam., bears S. 35° W., 79½ lks. dist., with dim. scribe marks. No trace of other original BTs.

At corner point

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to hardpan, and in a mound of stone to top, with brass cap marked

T14SR10E

S5 | S4

S8 | S9

1956

Set the original corner stone along W. side of post.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rough and broken bench slopes draining W., and nearly level bench tops.

Soil, clay and rocky.

Timber, very scattered scrub cedar and pinon.

Undergrowth, sagebrush on bench top.

S. 89° 27' E., bet. secs. 4 and 9.

Over nearly level bench top, through scattered scrub timber.

4.00

Enter heavy timber.

11.00

Leave nearly all timber; thence through sagebrush.

19.00

Dim old road, bears N. 30° W. and S. 30° E.

20.30

Well traveled road, bears N. and S.

20.87

Fence, four strand barbed, bears N. 1½° W. and S. 1½° E.

36.00

Enter heavy timber, bears N. and S.

40.846

The ¼ sec. cor. of secs. 4 and 9, mkd. by a sandstone, 14 x 10 x 8 ins., mkd. ¼ on N. face, loosely set; unwitnessed.

At corner point.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to hardpan, and in a mound of stone to top, with brass cap marked

S 4

S 9

1956

from which

A pinon, 7 ins. diam., bears S. 31° W., 59½ lks. dist., mkd. ¼ S9 BT.

A pinon, 8 ins. diam., bears N. 8° W., 82½ lks. dist., mkd. ¼ S4 BT.

Bury original corner stone alongside post and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Dependent Resurvey, Portion of the Subdivision, T. 14 S., R. 10 E.

Chains

- S. 88° 39' E., beginning new measurement.
- 6.40 E. edge of bench; bears N. and S.; desc. E. slope 75 ft.
- 8.10 Bulldozed access road parallel to power line.
- 11.10 Double pole high-tension power line, bears NW. and SE.
- 11.50 Open hollow, drains SE., saddle bearing E. and W. about 3 chs. N. of line; asc. 50 ft. over W. slope.
- 15.00 Enter top of bench, bears N. 20° W. and S. 20° E.; thence along top.
- 20.10 East edge of bench top, bears N. and S.; desc. steep E. slope, leaving nearly all timber.
- 27.50 Base of steep descent, bears N. and S.; thence across hollow.
- 32.80 Wash, 12 ft. deep, 20 lks. wide, 250 ft. below bench, drains SE.
- 36.00 Small wash at W. base of hill, drains SE.; asc. rolling S. slope 30 ft.
- 40.221 Point for the sec. cor. of secs. 3, 4, 9, and 10, at proportionate dist.; no evidence of the original sec. cor. could be found. Cor. is proportioned bet. $\frac{1}{4}$ sec. cor. of secs. 4 and 9 and sec. cor. of secs. 1, 2, 11, and 12; and bet. $\frac{1}{4}$ sec. cor. of secs. 3 and 4, and $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

T14SR10E

S4	S3
S9	S10

1956

Deposit broken glass at base of post, and raise a mound of stone around cor., which is located on steep SE. clay slope.

From this cor. the $\frac{1}{4}$ sec. cor. of secs. 3 and 4 bears N. 2° 28' W., 40.74 chs. dist.; cor. is marked by a sandstone, 13x8x4 ins., mkd. $\frac{1}{4}$ on W. face, loosely set.

from which

A cedar, 5 ins. diam., bears N. 18 $\frac{1}{2}$ ° E., 33 lks. dist., mkd. $\frac{1}{4}$ S BT.

A cedar, 5 ins. diam., bears N. 44 $\frac{1}{2}$ ° W., 58 lks. dist., mkd. $\frac{1}{4}$ S BT.

At cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with original stone and broken glass buried alongside, with brass cap marked

 $\frac{1}{4}$

S4	S3
----	----

1956

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From same cor., the sec. cor. of secs. 1, 2, 11, and 12 bears S. 89° 52' E., 160.84 chs. dist., mkd. by a sandstone, 15x13x7 ins.

202

Dependent Resurvey, Portion of the Subdivision of T. 14 S., R. 10 E.

Chains

properly mkd. and set in a small mound of stone.

At corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with broken glass and original stone buried alongside, with brass cap marked

T14SR10E

S2 | S1

S11 | S12

1956

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, nearly level bench top on W. portion, steep bench slope and rolling on E. portion.

Soil, sandy, clay, and rocky on bench top, heavy clay on E. portion. Timber, scattered to medium dense on bench.

From the cor. of secs. 9, 10, 15, and 16.

N. $0^{\circ} 49'$ W., bet. secs. 9 and 10.

Over nearly level open valley land, sloping E.

.97 Forest Service Yard fence, bears W. $2\frac{1}{2}$ chs. dist. to S.W. cor. and SE. to sec. line.

5.06 Fence on N. side of Forest Service yard, bears E. and W.

5.143 Point for S-S-S $1/256$ cor. and cor. of lots 11 and 23.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 11 and 23, 1 ft. W.

5.40 Road, bears E. and W.

10.286 Point for S-S $1/64$ cor. and cor. lots 10 and 11.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 10 and 11, 1 ft. W.

12.00 Road, bears N. 20° E. to City Dump and S. 20° W.

13.90 Fence, bears N. 20° E. and S. 20° W.

15.00 Top low rise, slopes E.; desc. 20 ft. to cor.

15.430 Point for N-S-S $1/256$ cor. and cor. of lots 1 and 10.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2 x 2 in. wooden stake, mkd. for lots 1 and 10, 1 ft. W.

20.574 Point for S. $1/16$ cor. and NE. cor. of lot 1.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in concrete post, 8 ins. diam. to cap, with brass cap mkd.

Dependent Resurvey, Portion of the Subdivision, T. 14 S., R. 10 E.

Chains	
	S 1/16
	S9 S10
	1956
	Fence, bearing N. and S. is 32 lks. E. of cor.
39.75	Top of hill, slopes E.; desc. 30 ft. over N. slope.
41.148	The $\frac{1}{4}$ sec. cor. of secs. 9 and 10, mkd. by a sandstone, 16x7x5 ins. mkd. $\frac{1}{4}$ on W. face and set in a small mound of stone.
	At corner point
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with original stone buried along W. side, with brass cap mkd.
	$\frac{1}{4}$
	S9 S10
	1956
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Corner is located on steep N. slope of hill.
	N. 2° 02' E., beginning new measurement.
	Over rolling and hilly land, sloping E.; desc. N. slope 20 ft.
1.30	Small wash at base of hill, drains E.
8.30	Double pole, 5 wire high-tension power line, bears N. 38° 08' W. and S. 38° 08' E.
21.90	Clay spur, bears S. 80° W. and NE. about 2 chs. to hill.
25.70	West slope of hill, summit bears E. about 2 chs. of line; desc. NW. slope.
30.00	Base of hill, thence over gentle E. slope.
32.00	Dim road, bears E. and W.
34.00	Wash, from NW., at edge of old reservoir.
40.726	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling and hilly.
	Soil, clay and stony.
	No timber.
	Undergrowth, sparse shadscale.

Survey of Subdivision of Section 9, T. 14 S., R. 10 E.

From the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

N. 0° 37' E. on the N-S. center line of sec. 9.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains

- Over gently rolling land, sloping E.
- 2.80 Road, bears NW. and SE.
- 8.30 Wire fence, bears NW. and SE.
- 14.60 Drainage ditch, drains SE.
- 20.388 Point for the C-S $\frac{1}{16}$ sec. cor. of sec. 9.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
- C
S $\frac{1}{16}$ | S 9
C
1956
- Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.
- 40.776 Point for C $\frac{1}{4}$ sec. cor. of sec. 9 at the intersection of E. and W. center line of section.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap marked
- C $\frac{1}{4}$ S9
1956
- Raise a mound of stone, 2 ft. base, 1 ft. high, W. of corner.
- 51.20 Wash, drains SE.
- 52.90 S. base bench, slope, bears E and W.; asc. steep S. slope 220 ft.
- 60.00 Top S. edge bench on point, bears NW. and NE.; thence over nearly level top of bench, through dense timber; asc. 35 ft. to
- 82.368 The $\frac{1}{4}$ sec. cor. of secs. 4 and 9.
- Land, gently rolling with E. to SE. slope and drainage on N. 53 chains; steep bench slope and nearly level bench on remainder.
- Soil, heavy clay and stony.
- Timber, dense cedar and pinon on N. end of mile.
-
- From the $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
- S. $89^{\circ} 58'$ E. on the E-W center line of sec. 9.
- Over nearly level top of bench, through a few scattered cedars.
- 4.70 Small draw, 10 ft. deep, drains S. about 2 chs. to rim of bench.
- 15.40 Small draw, drains S. and W.
- 20.00 Road, bears N. and S.
- 22.00 Wire fence, bears N. $1\frac{1}{2}^{\circ}$ W. and S. $1\frac{1}{2}^{\circ}$ E.
- 23.80 Draw, 10 ft. deep, near head, drains S. to about 2 chs. dist. from rim of bench.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains	
32.50	E. edge of bench, bears N. and S.; desc. steep E. slope 215 ft. to
40.865	The center $\frac{1}{4}$ sec. cor. of sec. 9.
46.00	Wash, at base of descent; drains S. 20° E.
50.90	W. base of bench, bears N. and S.; asc. steep W. slope 175 ft.
58.40	W. edge of bench, bears N. 20° W. and S. 20° E.; thence over nearly level top through dense timber.
60.497	Point for the C-E $\frac{1}{16}$ sec. cor. of sec. 9.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked
	CE $\frac{1}{16}$
	S9
	1956
	from which
	A pinon, 8 ins. diam., bears N. $17\frac{1}{2}$ ° E., 24 lks. dist., mkd. C-E $\frac{1}{16}$, S9 BT.
	A pinon, 9 ins. diam., bears S. 70° W., $39\frac{1}{2}$ lks. dist., mkd. C-E $\frac{1}{16}$, S9 BT.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
65.40	E. edge of top of bench, bears N. and S.; desc. steep E. slope 180 ft. to cor.
73.30	Small wash at base of steep descent, drains S. 20° E.; gradually desc. along rolling N. slope.
80.129	The $\frac{1}{4}$ sec. cor. of secs. 9 and 10.
	Land, nearly level bench top and steep bench slopes, and rolling. Soil, clay and rocky. Timber, scattered to dense on bench top.

Subdivision of the SE $\frac{1}{4}$

	From the E. $\frac{1}{16}$ sec. cor. of secs. 9 and 16.
	N. 0° 07' W. on N-S center line of SE $\frac{1}{4}$ sec. 9.
	Over nearly level land, slight SW. slope.
3.06	Point for the cor. of lots 16 and 17.
	Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd, Bureau of Land Management.
	Drive a 2x2 in. wooden stake, mkd. for lots 16 and 17, 1 ft. E.
5.12	Point for C-S-S-SE $\frac{1}{256}$ sec. cor. of sec. 9, and cor. lots 15 and 16.
	Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.
	Drive a 2x2 in. wooden stake, mkd. for lots 15 and 16, 1 ft. E.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains	
7.30	Wash, 5 ft. deep, 20 lks. wide, drains SW.
7.68	Point for corner of lots 14 and 15. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 14 and 15, 1 ft. E.
10.24	Point for C-S-SE $1/64$ sec. cor. of sec. 9 and lots 7 and 14. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 7 and 14.
12.00	Wash, 6 ft. deep, 20 lks. wide, drains SW.
12.80	Point for cor. of lots 6 and 7. Set 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 6 and 7, 1 ft. E.
15.36	Point for C-N-S-SE $1/256$ sec. cor. of sec. 9, and lots 5 and 6. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 5 and 6, 1 ft. E.
17.92	Point for the cor. of lots 4 and 5. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 4 and 5, 1 ft. E.
20.48	Point for the S-E $1/16$ sec. cor. of sec. 9, at the intersection of the E-W center line of the SE $1/4$ sec. 9. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in a concrete post, 8 ins. diam. to cap, with brass cap mkd. <div style="text-align: center;">SE $1/16$ S9 1956</div>
21.00	Enter rolling clay hills; begin ascent over S. slope.
23.00	S. base of bench slope, bears NW. and E.; asc. steep S. slope, 175 ft.
30.50	SW. point of bench top, bears E. and N.; thence along W. edge to
33.00	Edge of bench, turns NW.; continue over level top through dense timber.
40.96	The C-E $1/16$ sec. cor. of sec. 9.
	From the S $1/16$ sec. cor. of secs. 9 and 10. N. $89^{\circ} 41'$ W. on E-W center line of SE $1/4$ sec. 9. Over rolling E. slope.

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Subdivision of Section 9, T. 14 S., R. 10 E.

Chains	
1.00	N. end of low clay rise from SW.
5.00	E. base of ridge, bears N. and SE.; asc. 130 ft. over steep E. slope
9.94	Point for C-E-SE $1/64$ sec. cor. of sec. 9, and cor. lots 1 and 2.
	Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.
	Drive a 2x2 in. wooden stake; mkd. for lots 1 and 2, 1 ft. S;
10.85	High, sharp crested ridge, bears N. and S., 175 ft. above $1/16$ cor.; desc. 140 ft. over steep W. slope.
16.00	Base of steep W. slope, bears N. 20° W. and S. 20° E.; thence over gradual SW. slope.
16.63	Point for the cor. of lots 2 and 4.
	Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap marked Bureau of Land Management.
	Drive a 2x2 in. wooden stake, mkd. for lots 2 and 4, 1 ft. S.
19.88-	The SE $1/16$ sec. cor. of sec. 9.
32.50	Wash, drains S., 5 ft. deep, 30 lks. wide; thence slight ascent over E. slope.
39.76	The C-S $1/16$ sec. cor. of sec. 9.

Subdivision of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9

	From the S-S-S $1/256$ sec. cor. bet. secs. 9 and 10.
	N. $89^{\circ}30'$ W. on E-W center line of S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 9, and bet. lots 11 and 23.
2.51	Point for $1/1024$ sec. cor. of sec. 9, and cor. of lots 22 and 23.
	Set a 1 in. iron T post, 2 ft. long, 24 ins. in the ground, with cap mkd. Bureau of Land Management.
	Point in road, bearing N. and S. 20° E.
	The NW. cor. of F. S. yard fence bears S. $37\frac{1}{2}^{\circ}$ E., 15.6 lks. dist.
	Thence bet. lots 11 and 22.
3.00	Enter B.L.M. corral.
7.70	Leave same.
10.04	Point for C-S-SE-SE $1/256$ sec. cor. of sec. 9, and cor. of lots 11 and 13.
	Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.
	Drive a 2x2 in. wooden stake, mkd. for lots 11 and 13, 1 ft. N.
	Asc. 45 ft. to
12.505	Point for cor. of lots 18 and 22.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 18 and 22, 1 ft. S.

Point falls on S. edge of spur from NE., slopes W.

Thence bet. lots 13 and 18.

15.50 Leave spur, desc. 30 ft. steep SW. slope.

16.83 Point for the cor. lots 13 and 15.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 13 and 15, 1 ft. N.

Thence bet. lots 15 and 18.

17.775 Point for cor. lots 16 and 18.

Set a 1 in. iron T. post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 16 and 18, 1 ft. S.

Thence bet. lots 15 and 16.

20.08 The C-S-S-SE 1/256 sec. cor. of sec. 9.

From point for the E 1/64 sec. cor. of secs. 9 and 16.

N. 0° 27' W. on N-S center line of SE 1/4 sec. 9.

5.132 The C-S-SE-SE 1/256 sec. cor. of sec. 9,

Asc. 30 ft. over S. slope to

7.697 Point for cor. of lots 12 and 13.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 12 and 13, 1 ft. W.

Thence bet. lots 11 and 12.

8.10 Clay spur, bears SW.

10.262 Point for SE-SE 1/64 sec. cor. of sec. 9 and cor. of lots 9, 10, 11, and 12.

Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Drive a 2x2 in. wooden stake, mkd. for lots 10 and 11, 1 ft. E., and one mkd. for lots 9 and 12, 1 ft. W.

Thence bet. lots 9 and 10.

12.827 Point for cor. lots 8 and 9.

Set a 1 in iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains	
	Drive a 2x2 in. wooden stake, mkd. for lots 8 and 9, 1 ft. W. Thence bet. lots 8 and 10.
15.392	Point for C-N-SE-SE $\frac{1}{256}$ sec. cor. of sec. 9, and cor. of lots 1, 3, 8, and 10. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 1 and 10, 1 ft. E., and mkd. for lots 3 and 8, 1 ft. W. Thence bet. lots 1 and 3.
16.60	Ridge, bears N. 10° W. and S. 10° E.
17.957	Point for cor. of lots 2 and 3. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 2 and 3, 1 ft. W. Thence bet. lots 1 and 2.
20.522	The C-E-SE $\frac{1}{64}$ sec. cor. of sec. 9.
	From cor. lots 13 and 15 on E-W center line of S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 9. N. 0° 7' W., bet lots 13 and 15. Asc. 20 ft. to
0.65	Spur; slopes N. 70° W.
2.56	Point for cor. of lots 12, 13, 14, and 15. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 14 and 15, 1 ft. W., and one for lots 12 and 13, 1 ft. E. Thence bet. lots 12 and 14.
3.20	Wash, drains SW.
5.00	Wash, 5 ft. deep, drains SW.
5.12	Point for cor. of lots 7, 9, 12, and 14. Set a 1 in. iron T. post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management. Drive a 2x2 in. wooden stake, mkd. for lots 7 and 14, 1 ft. W., and one for lots 9 and 12, 1 ft. E. Thence bet. lots 7 and 9.
7.68	Point for cor. of lots 6, 7, 8, and 9. Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains	<p>Drive a 2x2 in. wooden stake, mkd. for lots 6 and 7, 1 ft. W., and one for lots 8 and 9, 1 ft. E.</p> <p>Thence bet. lots 6 and 8.</p>
10.24	<p>Point for cor. of lots 3, 5, 6, and 8.</p> <p>Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.</p> <p>Drive a 2x2 in. wooden stake, mkd. for lots 5 and 6, 1 ft. W., and one for lots 3 and 8, 1 ft. E.</p> <p>Thence bet. lots 3 and 5.</p>
12.89	<p>Point for cor. lots 2, 3, 4, and 5.</p> <p>Set a 1 in. iron T. post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.</p> <p>Drive a 2x2 in. wooden stake, mkd. for lots 4 and 5, 1 ft. W., and one for lots 2 and 3, 1 ft. E.</p> <p>Thence bet. lots 2 and 4.</p>
15.35	<p>The cor. of lots 2 and 4 on E-W center line of SE₄ sec. 9.</p>
3.50	<p>From cor. of lots 21 and 22 on S. bdy. sec. 9.</p> <p>N. 0° 21' W., bet. lots 21 and 22.</p> <p>Point for cor. of lots 18 and 21.</p> <p>Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.</p> <p>Drive a 2x2 in. wooden stake, mkd. for lots 18 and 21, 1 ft. W.</p> <p>Thence bet. lots 18 and 22.</p>
6.126	<p>The cor. of lots 18 and 22 on E-W center line of SE₄ Sh. of sec. 9.</p>
3.06	<p>From the cor. of lots 17 and 19 on S. bdy. of sec. 9, and S. 89° 26' E., 3.325 chs. dist. from E 1/16 sec. cor. between secs. 9 and 16.</p> <p>N. 0° 21' W., bet. lots 17 and 19.</p> <p>Point for the cor. of lots 16 and 17.</p> <p>Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.</p> <p>Drive a 2x2 in. wooden stake, mkd. for lots 16 and 17, 1 ft. W.</p> <p>Thence bet. lots 16 and 19.</p>
3.50	<p>Point for cor. of lots 18 and 19.</p> <p>Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.</p>

Subdivision of Section 9, T. 14 S., R. 10 E.

Chains

REMARKS

- Drive a 2x2 in. wooden stake, mkd. for lots 18 and 19, 1 ft. E.
Thence bet. lots 16 and 18.
- 5.117 The cor. of lots 16 and 18 on the E-W center line of $S\frac{1}{2}SE\frac{1}{4}SE\frac{1}{4}$ sec. 9
-
- From the cor. of lots 18 and 21, on the W. bdy. of lot 22.
N. $89^{\circ} 26' W.$, bet. lots 18 and 21.
- 1.60 Point for cor. lots 20 and 21.
- Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.
- Drive a 2x2 in. wooden stake, mkd. for lots 20 and 21, 1 ft. S.
Thence bet. lots 18 and 20.
- 3.20 Point for cor. of lots 19 and 20.
- Set a 1 in. iron T post, 2 ft. long, 20 ins. in the ground, with cap mkd. Bureau of Land Management.
- Drive a 2x2 in. wooden stake, mkd. for lots 19 and 20, 1 ft. S.
Thence bet. lots 18 and 19.
- 5.272 The cor. of lots 18 and 19 on E. bdy. lot 16, N. $0^{\circ} 21' W.$, 0.44 chs. dist. from the cor. of lots 16 and 17.

General Description

Section 9, T. 14 S., R. 10 E., contains nearly level bench land in northern part, lying about 200 ft. above the lower rolling parts. Scrub juniper and pinon cover the greater part of the bench top. The soil is principally a heavy clay and is stony on the lower part, with sandy clay on the bench. The general slope is South. The north city limits of Price borders along the east $\frac{3}{4}$ mile along the south boundary of the section.

CERTIFICATE OF CADASTRAL ENGINEER

I, Andrew Nelson, Cartographic (Cadastral) Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17 day of November, 1955, I have ~~surveyed~~ independently resurveyed portion of the subdivision and subdivision and small tract survey of Section 9, of Township 14 South, Range 10 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Price, Utah
June 9, 1956

Andrew Nelson
 Andrew Nelson
 Cartographic (Cadastral)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 6 1956, 19

The foregoing field notes of the ~~survey of~~ independent resurvey of portion of the subdivision and subdivision and small tract survey of Section 9, T. 14 S., R. 10 E.

executed by Andrew Nelson

having been critically examined and found correct, are hereby approved.

Earl S. Harrington
 Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT
BOOK "C"

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE BOUNDARIES OF SECTIONS 30 AND 31,

THE SURVEY OF THE SUBDIVISION OF A PORTION OF SECTION 30

AND THE

SURVEY IN SUNNYSIDE NO. 1 MINE OF THE UTAH FUEL COMPANY, IN SECTION 30,

ALL IN

TOWNSHIP 14 SOUTH, RANGE 14 EAST

Of the Salt Lake Meridian,

the State of Utah.

EXECUTED BY

Ralph Gentry, Cadastral Engineer, Elliot Bird, Associate Cadastral Engineer,

and Andrew Nelson and J. C. Clark, Assistant Cadastral Engineers

supplemental
der/special instructions dated September 17, 1941, which provided
the surveys included under Group No. 326, bearing the approval of the

Commissioner of the General Land Office under date of October 14, 1941

supplemental
Assignment instructions dated September 2, 12 and 26, 1942.

Survey commenced September 22, 1942.

Survey completed October 25, 1942.

RECEIVED
TAX COLLECTOR
JAN 10 1900
TOWNSHIP NO. 14 SOUTH
RANGE NO. 14 EAST

INDEX DIAGRAM.

Township No. 14 South, Range No. 14 East

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TOWNSHIP 14 SOUTH, RANGE 14 EAST

The official survey of T. 14 S., R. 14 E., Salt Lake Meridian, is shown upon the township plat approved May 5, 1900. The following field notes are those of a dependent resurvey or reestablishment of a portion of the boundaries and subdivision of sections 30 and 31, T. 14 S., R. 14 E., and the carrying underground and marking of the line between secs. 29 and 30, and the N. and S. center line of the SE $\frac{1}{4}$ of sec. 30, in the mine entries of the Utah Fuel Company's Sunnyside No. 1 mine.

Before reconstructing or restoring the corners, the lines of the original survey were retraced, and search was made for evidence of the original corner monuments and other calls of the field notes. When duly identified or restored, the corner positions were remonumented.

The rules of proportionate measurement were applied in order to ascertain the position of each lost corner, after completing the necessary retracements to connect with the identified corner locations.

The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

Survey commenced September 22, 1942, and executed with a W. & L. E. Gurley solar transit No. 371614. The instrument is constructed in accordance with the standard specifications of the General Land Office, and is equipped with a Smith solar attachment and full vertical circle; the horizontal limb is provided with two double verniers placed opposite to each other and read to single minutes of arc, which is also the least count of the verniers of the vertical circle, latitude and declination arcs. The instrument was approved for use on this survey by the district cadastral engineer for Utah, conditional upon satisfactory field tests. At the commencement of this survey, the transit was in good adjustment, and tested and found free from any appreciable error.

The directions of the lines were determined by angles deflected from controlling meridians established by observations on Polaris. The method of repetition was used, accumulating the horizontal angles, which were repeated four times with the telescope in direct and reversed positions. The lines were carried forward by taking the mean of direct and reversed sights at each instrument station.

The measurements were made with a Lallie steel ribbon tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a Lufkin standard steel tape. The proper pulls were determined with spring balances when the tape was supported and suspended. The measurements were made on the slope, and the vertical angle of each interval was ascertained by the transit; and the horizontal equivalents are entered in the field note record.

The approximate geographic position of the SE. corner of sec. 31, as determined from U. S. Geological topographic sheet "UTAH SUNNYSIDE QUADRANGLE" is as follows: Latitude 39° 33' 30" N., longitude 110° 22' 30" W.

DEPENDENT RESURVEY OF PORTION OF BOUNDARIES OF SECTIONS 30 AND 31,
T. 14 S., R. 14 E.

REESTABLISHMENT OF SURVEYS EXECUTED BY
ANDERSON AND WARE, DEPUTY SURVEYORS, IN 1899

September 25, 1942, at the cor. of secs. 5, 6, 31, and 32, on S. bdy. of T. 14 S., R. 14 E., at 7 h 33m 15s a. m. by my watch which carries correct 105th meridian time, as determined by radio signals, or 7h 11.7m a. m., l. m. t., I make an hour angle observation upon Polaris west of the meridian, two each with the telescope in direct and re-

DEPENDENT RESURVEY OF PORTION OF BOUNDARIES OF SECTIONS 30 AND 31, T.14 S., R.14 E.

Chains

versed positions, transiting the telescope and reading the horizontal deflection angle from Polaris west to a well defined reference point about four miles to the south.

Mean deflection angle from Polaris west 1° 22.5'
to reference point to the south 1° 18.5' W.
Azimuth of Polaris 1° 18.5' W.
True bearing of reference point S. 0° 04' W.

The cor. of secs. 5, 6, 31, and 32, on S. bdy. of T. 14 S., R. 14 E., is an iron post, 2 ins. diam., as described in the official field notes of the resurvey of the boundaries of sec. 6, T. 15 S., R. 14 E., in this group.

Thence from the above sec. cor.,

N. 0° 04' E., bet. secs. 31 and 32.

Ascend abrupt rocky SE. slope, broken by sandstone ledges, over mountainous land, through scattered timber and medium dense undergrowth.

4.50 Top of ledges, bear NE. and SW.

7.00 Top of ascent, 160 ft. above sec. cor., slopes E.; descend along steep broken E. slope.

23.80 Canyon, 240 ft. below top of ascent, course S. 20° E.; ascend steep rocky SW. slope. 320 ft. to

40.03 The $\frac{1}{4}$ sec. cor. of secs. 31 and 32, marked by the original monument, a sandstone, 20x20x12 ins., firmly set in a mound of stone on a sandstone outcropping and marked $\frac{1}{4}$ on W. face, with no other accessories.

Thence,

N. 0° 02' E., bet. secs. 31 and 32.

11.60 Point of ledges facing W.; abrupt ascent over the ledges.

17.40 Top of ascent, 430 ft. above $\frac{1}{4}$ sec. cor., slopes W.; descend gradually along steep rocky W. slope.

20.005 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a mound of stone to top, for N. 1/16 sec. cor., with brass cap marked

N 1/16

S31 | S32

1942

from which

A pinon pine, 10 ins. diam., bears N. 13° E., 62 lks. dist., marked N 1/16 S32 BT.

A juniper, 14 ins. diam., bears N. 84° 45' W., 58 lks. dist., marked N 1/16 S31 BT.

25.30 Small draw, 130 ft. below N. 1/16 sec. cor., course W.; ascend rocky SW. slope.

32.00 Top of ascent, 200 ft. above draw, slopes W.; descend abrupt NW. slope.

38.50 Small draw, 100 ft. below top of ascent, course S. 60° W.; ascend abrupt SW. slope 40 ft. to

DEPARTMENT RESERVE OF PORTION OF BOUNDARIES OF SECTIONS 30 AND 31, T.14 S., R.14 E.

Chains

40.01

The cor. of secs. 29, 30, 31, and 32, marked by the original monument, a sandstone, 18x12x8 ins., firmly set in a mound of stone, and marked with 5 notches on N. and 1 notch on S. edges, and witnessed by

A juniper, 12 ins. diam., bears South, 3 lks. dist., marked T14S R14E S32 BT.

A pinon pine, 10 ins. diam., bears S. 38° W., 31 lks. dist., marked T14S R14E S31 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, with the original cor. monument deposited alongside the post, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T14S	R14E
S30	S29
S31	S32

1942

a new bearing tree

from which

A pinon pine, 6 ins. diam., bears N. 61° 30' E., 18 lks. dist., marked T14S R14E S29 BT.

No trees suitable for marking are available in sec. 30.

Land, rough and mountainous; steep rocky slopes.

Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.

Timber, scattered juniper and pinon pine.

Undergrowth, oak brush, service berry bushes, mahogany and sagebrush.

Medium growth of weeds and grass. Fair grazing land.

S. 89° 45' W., bet. secs. 30 and 31.

Descend abrupt rocky SW. slope, over rough mountainous land, through scattered timber and medium dense undergrowth.

6.50

Canyon, 250 ft. below sec. cor., course S.; ascend steep E. slope 460 ft. to

20.03

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for E. 1/16 sec. cor., with brass cap marked

E 1/16	S30
	S31

1942

from which

A juniper, 14 ins. diam., bears S. 72° 30' E., 31 lks. dist., marked E 1/16 S31 BT.

A pinon pine, 12 ins. diam., bears N. 4° W., 37 lks. dist., marked E 1/16 S30 BT.

33.00

Ridge, 290 ft. above E. 1/16 sec. cor., bears N. and S.; descend W. slope.

37.00

Slope changes from W. to SW.

40.06

The 1/4 sec. cor. of secs. 30 and 31, marked by the original monument, a sandstone, 27x16x4 ins., firmly set in a mound of stone, marked 1/4

DEPENDENT RESURVEY OF PORTION OF BOUNDARIES OF SECTIONS 30 AND 31, T.14 S., R.1

Chains

on N. face, and witnessed by

A pinon pine, 12 ins. diam., bears N. 3° 15' E., 78 lks.
dist., marked $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,
with the original cor. monument deposited alongside the post, for $\frac{1}{4}$
sec. cor., with brass cap marked

S30

$\frac{1}{4}$

S31

1942

from which

a new bearing tree

A pinon pine, 6 ins. diam., bears S. 40° 45' W., 35 lks.
dist., marked $\frac{1}{4}$ S31 BT.

Land, rough and mountainous; steep rocky slopes.

Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.

Timber, scattered juniper and pinon pine; a few scattered Douglas fir
along E. side of ridge.

Undergrowth, oak brush, mahogany, service berry bushes and sagebrush;
medium growth of weeds and grass.

Fair grazing land.

From the cor. of secs. 29, 30, 31, and 32,

N. 0° 09' W., bet. secs. 29 and 30.

Ascend steep rocky SW. slope, over mountainous land, through medium
dense timber and undergrowth.

15.00 Ridge, 300 ft. above sec. cor., bears N. 20° W. and S. 20° E.; descend
along steep E. slope, entering very scattered timber.

19.99 On steep E. slope, 60 ft. below ridge, in dense service berry and
buck brush.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for
S. 1/16 sec. cor., with brass cap marked

S 1/16

S30 | S29

1942

from which

A pinon pine, 20 ins. diam., bears S. 58° 30' W., 92 lks.
dist., marked S 1/16 S30 BT.

No trees suitable for marking are available in sec. 29.

39.98 On steep N. to NE. slope, 100 ft. below S. 1/16 sec. cor.

The $\frac{1}{4}$ sec. cor. of secs. 29 and 30, marked by the original monument,
a sandstone, 24x8x8 ins., firmly set 12 ins. in the ground, marked $\frac{1}{4}$
on W. face, and unwitnessed.

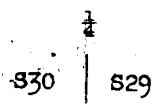
At the cor. point

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to

DEPENDENT RESURVEY OF PORTION OF BOUNDARIES OF SECTIONS 30 AND 31, T.14 S., R.14 E.

Chains

bedrock, and in a mound of stone to top, with the original cor. monument deposited alongside and near base of post, for $\frac{1}{4}$ sec. cor., with brass cap marked



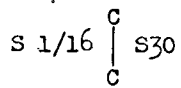
from which

- A pinon pine, 10 ins. diam., bears S. 68° E., 55 lks. dist., marked $\frac{1}{4}$ S29 BT.
- A pinon pine, 12 ins. diam., bears N. 29° 30' W., 25 lks. dist., marked $\frac{1}{4}$ S30 BT.

Land, rough and mountainous; steep rocky slopes.
Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.
Timber, juniper and pinon pine.
Undergrowth, service berry bushes, oak brush, sagebrush and mahogany.
Medium growth of weeds and grass.
Fair grazing land.

SUBDIVISION OF A PORTION OF SECTION 30, T. 14 S., R. 14 E.

- From the $\frac{1}{4}$ sec. cor. of secs. 30 and 31,
N. 0° 00' E., along the N. and S. center line of sec. 30.
Ascend S. slope over rough mountainous land, through medium dense timber and undergrowth.
- 2.00 Top of ascent on rocky point, 30 ft. above $\frac{1}{4}$ sec. cor., slopes W.; thence along steep broken W. slope.
- 12.00 Rocky point, slopes W.; descend abrupt broken NW. slope.
- 20.115 At foot of abrupt NW. slope, 480 ft. below $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center S. 1/16 sec. cor., with brass cap marked



1942

from which

- A pinon pine, 12 ins. diam., bears S. 63° 15' E., 29 lks. dist., marked CS 1/16 S30 BT.
- A Douglas fir, 9 ins. diam., bears S. 34° W., 26 lks. dist., marked CS 1/16 S30 BT.

Thence along steep broken W. slope.

- 33.60 Gulch, 130 ft. below center S. 1/16 sec. cor., course SW.; ascend abrupt SW. slope over ledges.
- 40.23 On steep SW. slope, at W. edge of flat boulder, 6x5x1 $\frac{1}{2}$ ft., 260 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center $\frac{1}{4}$ sec. cor., of sec. 30, with brass cap marked

SUBDIVISION OF A PORTION OF SECTION 30, T. 14 N., R. 14 E., SEC. 30

Chains

anted

61330

1942

from which

A pinon pine, 14 ins. diam., bears N. 9° E., 43 lks.
dist., marked C $\frac{1}{4}$ S30 BT.

A pinon pine, 14 ins. diam., bears N. 29° 45' W., 45 lks.
dist., marked C $\frac{1}{4}$ S30 BT.

Continue ascent over abrupt SW. to S. slope.

59.975 On steep S. slope, 800 ft. above center $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center N. 1/16 sec. cor., with brass cap marked

C
N 1/16 | S30
C

1942

from which

A pinon pine, 14 ins. diam., bears S. 54° 45' E., 37 lks.
dist., marked CN 1/16 S30 BT.

A pinon pine, 14 ins. diam., bears S. 57° 15' W., 27 lks.
dist., marked CN 1/16 S30 BT.

62.00 Top of ascent on spur, 70 ft. above center N. 1/16 sec. cor., slopes SW.; thence along steep W. slope.

79.72 The $\frac{1}{4}$ sec. cor. of secs. 19 and 30, marked by the original monument, a sandstone, 24x14x6 ins., firmly set in a mound of stone, marked $\frac{1}{4}$ on N. face, and witnessed by

A Douglas fir, 30 ins. diam., bears N. 46° 45' E., 26 lks.
dist., marked $\frac{1}{4}$ S BT.

Mark new bearing tree:

A Douglas fir, 8 ins. diam., bears S. 39° 15' E., 25 lks.
dist., marked $\frac{1}{4}$ S30 BT.

Land, rough and mountainous; steep rocky slopes broken by sandstone ledges.

Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.

Timber, juniper and pinon pine, and very scattered Douglas fir.

Undergrowth, service berry bushes, mahogany and sagebrush.

Medium growth of weeds and grass.

Fair grazing land.

From the $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30,

N. 89° 53' W., along E. and W. center line of sec. 30.

Ascend steep E. slope over rough mountainous land, through medium dense timber and undergrowth.

10.00 Spur, 300 ft. above $\frac{1}{4}$ sec. cor., projects S. 20° E.; descend W. slope.

18.00 Canyon, near head, 170 ft. below spur, course S. 15° E.; ascend E. ascend E. slope 30 ft. to

SUBDIVISION OF A PORTION OF SECTION 30, T. 14 S., R. 14 E.

Chains

19.93

Set an iron post, 3 ft. long, 1-in. diam., 27 ins. in the ground, for center E. 1/16 sec. cor. of sec. 30, with brass cap marked

E 1/16
C ————— C
S30

1942

from which

A pinon pine, 12 ins. diam., bears N. 40° 15' E., 82 lks. dist., marked CE 1/16 S30 BT.

A Douglas fir, 24 ins. diam., bears S. 14° E., 7 lks. dist., marked CE 1/16 S30 BT.

23.50

Ridge, 150 ft. above center E. 1/16 sec. cor., bears N. 10° E. and S. 10° W.; descend abrupt broken W. slope.

32.30

Gulch, 350 ft. below ridge, course SW.; ascend along S. slope.

38.30

Slope changes from S. to SW.

39.86

The center 1/4 sec. cor.

41.30

Small draw, 30 ft. below center 1/4 sec. cor., course S.; ascend abrupt SE. slope broken by ledges.

59.75

On rocky S. slope, 700 ft. above center 1/4 sec. cor., and on shelf of ledge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center W. 1/16 sec. cor. of sec. 30, with brass cap marked

W. 1/16
C ————— C
S30

1942

from which

Face of ledge, 8 ft. high, marked X B O, 5 ft. above foot, bears N. 22° W., 5 1/2 lks. dist.

46.00

Rocky spur, 20 ft. above center W. 1/16 sec. cor., projects SW.; descend abrupt NW. slope.

78.94

On steep rocky NW. slope, 730 ft. below spur.

The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp., marked by the original monument, a sandstone, 25x18x10 ins., firmly set in a mound of stone, marked 1/4 on W. face, and witnessed by

A pinon pine, 8 ins. diam., bears S. 35° E., 14 lks. dist., marked 1/4 S BT.

Land, rough and mountainous; steep rocky slopes broken by ledges. Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.

Timber, juniper and pinon pine; a few scattered Douglas fir.

Undergrowth, oak and service berry brush, mahogany and sagebrush.

Medium growth of weeds and grass.

Fair grazing land.

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SUBDIVISION OF A PORTION OF SECTION 30, T. 14 S., R. 14 E.

Chains

From the E. 1/16 sec. cor. bet. secs. 30 and 31,
N. 0° 01' W., along the N. and S. center line of the SE $\frac{1}{4}$ of sec. 30.

Along steep rocky E. slope over rough mountainous land, through medium dense timber and undergrowth.

40.11 The center E. 1/16 sec. cor. of sec. 30, 200 ft. above E. 1/16 sec. cor. bet. secs. 30 and 31.

Land, rough and mountainous; steep rocky slopes.

Soil, coarse rocky sandy and clay loam; 3rd to 4th rate.

Timber, juniper and pinon pine.

Undergrowth, sagebrush, mahogany and oak brush. Medium growth of weeds and grass.

Fair grazing land.

UNDERGROUND SURVEY IN SUNNYSIDE NO. 1 MINE OF THE UTAH FUEL COMPANY
IN SECTION 30, T. 14 S., R. 14 E.

In the underground survey a traverse line was carried into the mine, and a check survey using the same transit stations and continuing the azimuth of the original traverse in the opposite directions back to the entry of the mine. All measurements in the mine, and the surface tie to the entry of the mine were made in the chain unit, and the measurements were converted into the foot unit as shown in parenthesis in these notes.

Beginning at the center S. 1/16 sec. cor. of sec. 30,

Thence,

N. 0° 08' E., 6.062 chs. (400.09 ft.) along the N. and S. center line of sec. 30; mark a cross on E. edge of top of stationary boulder.

Thence,

S. 88° 39' W., 9.118 chs. (601.79 ft.) to station O, a nail driven in a wooden plug which is drilled into solid sandstone, near the entrance of the portal to escapeway of 2nd raise. From this station, the center S. 1/16 sec. cor. of sec. 30 bears S. 57° 16' E., 10.818 chs. (713.99 ft.) dist.

Oct. 8, 1942, at this station, approximate latitude 39° 34' N., longitude 110° 23' W., at 8h 08m 16s a. m., by my watch which carries correct 105th meridian time, as determined by radio signals, or 7h 46.7m a. m., 1. m. t., I make an hour angle observation upon Polaris west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris east to the reference point, the cross marked on the stationary boulder N. 0° 08' E. 6.062 chs. from the center S. 1/16 sec. cor.

Mean deflection angle from Polaris,
east to the reference point

89° 54'

Azimuth of Polaris

1° 15' W.

True bearing of reference point

N. 88° 39' E.

Station

Thence,

0 - 1 N. 20° 20' E., 0.568 chs. (37.49 ft.) To mine station No. 134 in portal of 2nd raise.

1 - 2 N. 60° 40' E., 6.479 " (427.61 ft.) Along 2nd raise to mine station No. 271.

2 - 3 N. 60° 48' E., 2.508 " (165.53 ft.) Set spad in cross beam.

UNDERGROUND SURVEY IN SUNNYSIDE NO. 1 MINE OF THE UTAH FUEL COMPANY
IN SECTION 30, T. 14 S., R. 14 E.

Station				
3 - 4	N. 59°57' E.,	6.349 chs.	(419.03 ft.)	Set spad in cross beam.
4 - 5	N. 59°59' E.,	6.249 "	(412.43 ft.)	Set spad in end of cap of prop at right side of 2nd raise at cross cut to right.
5 - 6	N. 60°56' E.,	5.314 "	(350.72 ft.)	To mine station No. 6732 at 1st entry to left and cross cut to right.
6 - 7	N. 60°12' E.,	2.368 "	(156.29 ft.)	To mine station No. 7154 in main entry at hoist at 2nd dip.
7 - A	S. 39°49' E.,	5.363 "	(353.96 ft.)	In main entry, near telephone, to calculated intersection with N. and S. center line of SE $\frac{1}{4}$ of sec. 30, at point from which the center E. 1/16 sec. cor. bears N. 0° 01' W. 3.36 chs. (221.76 ft.) dist. At point of intersection, set an iron post, 1 in. diam., 15 ins. long, 14 ins. into coal and slate roof, with brass cap marked

C
NW $\frac{1}{4}$ | NE $\frac{1}{4}$
SE $\frac{1}{4}$ | SE $\frac{1}{4}$
S30 | S30
C

1942

A - 8	S. 39°49' E.,	0.267 chs.	(17.62 ft.)	To mine station No. 7116.
8 - 9	S. 39°49' E.,	3.220 "	(212.52 ft.)	To mine station No. 7110.
9 - 10	S. 39°49' E.,	2.903 "	(191.60 ft.)	To mine station No. 7069
10 - 11	S. 39°51' E.,	4.083 "	(269.48 ft.)	Set spad in cross beam.
11 - 12	S. 39°46' E.,	6.742 "	(444.97 ft.)	To mine station No. 6700.
12 - 13	S. 39°46' E.,	4.549 "	(300.23 ft.)	To mine station No. 6649.
13 - 14	S. 39°47' E.,	2.954 "	(194.96 ft.)	To mine station No. 6629.
14 - B	S. 39°44' E.,	6.545 "	(431.97 ft.)	In main entry, to calculated intersection of the line bet. secs. 29 and 30, at a point from which the cor. of secs. 29, 30, 31, and 32, bears S. 0° 09' E. 12.637 chs. (834.04 ft.) dist. At point of intersection, set an iron post, 1 in. diam., 15 ins. long, 14 ins. into shale roof, with brass cap marked

S30 | S29

1942

B - 15	S. 39°44' E.,	0.308 chs.	(20.33 ft.)	To mine station No. 6749.
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GENERAL DESCRIPTION

Sections 30 and 31 are situated in the breaks of the Book Cliff mountains, and are very rough and mountainous with abrupt rocky slopes which are broken by sandstone ledges. A rocky ridge, about 8000 ft. in elevation above sea level, extends north and south through the sections. A canyon heads in the NE $\frac{1}{4}$ of section 30, and drains south-

GENERAL DESCRIPTION

ly through the east portions of sections 30 and 31. The soil is a coarse sandy and clay loam containing considerable rock and may be classed from 3rd to 4th rate. The soil supports from a scattered to a medium growth of oak and service berry brush, mahogany sagebrush, weeds and grass. Scattered to a medium growth of juniper and pinon pine timber is found throughout the sections, and along the ridge there is a scattered growth of Douglas fir. Indications are that the major portions of these sections are underlain with coal. At the time of this survey the Utah Fuel Company was mining coal in section 30. The main entrance to the Sunnyside No. 1 mine is located in the SW $\frac{1}{4}$ of section 32. No settlers were living on these sections at the time of this survey. The west portions of sections 30 and 31 afford fair grazing for stock. The mean magnetic declination was found to be 16° 30' E.

CERTIFICATE OF SURVEYOR

We, Ralph Gentry, Elliot Bird, Andrew Nelson and J. C. Clark
 I, _____, HEREBY CERTIFY upon honor that, in
 pursuance of supplemental special instructions bearing date of the 17th day of September, 1941
 received from the district cadastral engineer for Utah, with supplemental ~~native~~ assignment
 instructions dated Sept. 2, 12, and 26, ~~the same day~~ 1942, we have dependently resurveyed
 a portion of the boundaries of sections 30 and 31, surveyed the subdivision of a
 portion of section 30, and in the Sunnyside No. 1 mine of the Utah Fuel Company, in
 section 30, all in Township 14 South, Range 14 East
 of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction; and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

Jan. 29, 1943

Ralph Gentry, Cadastral Engineer
Elliot Bird, Associate Cadastral Engineer
Andrew Nelson, Assistant Cadastral Engineer
J. C. Clark, Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Chief Cadastral Engineer

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., MAY 26 1947, ~~1947~~

The foregoing field notes of the ~~independent~~ dependent resurvey of a portion of the boundaries
 of sections 30 and 31, the survey of the subdivision of a portion of section 30, and
 in the Sunnyside No. 1 mine of the Utah Fuel Company, in section 30, all in Township
 14 South, Range 14 East of the Salt Lake Meridian,

executed by Ralph Gentry, Elliot Bird, Andrew Nelson and J. C. Clark
supplemental
 under/special instructions dated September 17, 1941 and supplemental ~~native~~ assignment
 instructions dated Sept. 2, 12, and 26, 1942, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Karl G. Harrington
 Assistant ~~Supervisor of Surveys~~
 Acting Chief Cadastral Engineer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
 _____, is a true copy of the original field notes on file in the public survey office.

 Supervisor of Surveys.

4-979
(April 1932)

FIELD NOTES

DEPENDENT RESURVEY

OF THE

EAST BOUNDARY

AND THE

EAST TWO RANGES OF THE SUBDIVISION

OF

T. 15 S., R. 5 E.

Of the SALT LAKE Meridian,

the State of UTAH

EXECUTED BY

RALPH GENTRY, CADASTRAL ENGINEER,

ROBERT C. YUNDT, SURVEYOR,

WILSON McCONKIE AND KENNETH C. VINCENT, PUBLIC LAND SURVEYORS.

under special instructions dated August 28, 1937, which provided

for the surveys included under Group No. 288, bearing the approval of the

Commissioner of the General Land Office under date of September 9, 1937,

September 10, 1937,

and assignment instructions dated September 15, 1937, 19

June 13, 1938

Survey commenced September 16, 1937

Survey completed August 5, 1938

INDEX DIAGRAM.

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	30	29	28	27 21	26 11 20	25 10	3
	31	32	33	34 19	35 9	36	2

The survey was commenced September 16, 1937, and was executed with Buff and Buff solar transits numbers 8028, 9797, and 9978, used by Ralph Gentry, Cadastral Engineer, Robert C. Yundt, Surveyor, Kenneth C. Vincent and Wilson McConkie, Public Land Surveyors, respectively. The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal plates have two double verniers, placed opposite to each other and graduated to single minutes of arc, this is also the least count of the verniers of the vertical circles of the transits, and of the latitude and declination arcs of the solar attachments. The instruments were in good adjustment and were approved for use on the work by the District Cadastral Engineer, conditional upon satisfactory field tests, in assignment instructions dated September 10, 1937, September 15, 1937, and June 13, 1938. The tests were made in the field prior to the commencement of the field work, and the transits were found to be free from appreciable error.

The geographic position of the southeast corner of the township, determined by reference through public land surveys, to the Coast and Geodetic Survey station 'South Tent' located in the NE $\frac{1}{4}$ section 33, T. 16 S., R. 5 E., is as follows: Latitude 39°28'12" N., longitude 111°18' W.

The direction of the lines of the survey in 1937 were determined by the solar transit method, and those in 1938 by reference to true meridians established on line by observations on Polaris.

August 1, 1937, at my camp, located near the center of section 22, T. 16 S., R. 5 E., in approximate latitude 39° 25' N., longitude 111° 21' W., at 7h 59.6m a.m., by my watch, which carries correct 105th meridian standard time as determined by radio signals, or at 7h 34.2m a.m. l.m.t., I make an observation on Polaris, west of the meridian, making four settings, two each with the telescope in direct and reversed positions, reading the horizontal angle from a well defined reference point about a half a mile north, in the direction NW. to Polaris.

Mean horizontal angle from reference.

point west to Polaris - - - - - $-0^{\circ}33'N$.
Azimuth of Polaris- - - - - $-0^{\circ}50'W$.
True bearing of reference point- - - - - $-N.0^{\circ}17'W$.

In order to verify the latitude of this station I make a meridian observation of the sun, observing the altitude of the sun's lower limb with the telidscope in direct position, reversing the transit and observing the sun's upper limb:

Apparent time of observation- - - - - 12H 00M 00S M.
Mean observed altitude of sun- - - - - 68°34'30"
Reduced latitude of the station- - - - - 39°25' N.

Every hour from 8:00 a.m. to 10:30 a.m., and from 1:30 p.m., to 5:00 p.m., we make proper settings on the arcs of the solar attachments, and ascertain that the resulting orientations of the instruments, when compared with the true meridian established by Polaris observations, has a maximum error of less than 1'30".

Conditions permitting, the arcs were tested daily by noon observations, and the meridian indications of the solar attachments were verified at frequent intervals throughout the survey.

June 21, 1938: At the corner of townships 14 and 15 south, ranges 5 and 6 east, at 4h 51m p.m., 105th meridian standard time as determined by radio signals I observe Polaris, west of the meridian, making four settings, two

T. 15 S., R. 5 E.

Chains each with the telescope in direct and reversed positions, and recording the mean horizontal angle between the star and a nail in a stake, firmly set in the ground, about 8 chains north of the station and to the right of the star.

Mean horizontal angle - - - - - 1° 01'

Azimuth of Polaris - - - - - N. 1° 00' W.

Bearing of reference point - - - - - N. 0° 01' E.

I turn an angle of 01' to the left of the above point, defining the true meridian, from which the lines of the survey run in 1938 were referenced. The bearings of these lines were subsequently checked by other observations made on line during the progress of the survey.

Preliminary to the resurvey the lines of the original survey were retraced and a search made for original corner monuments. Identified original corners were remonumented in their original positions, and all lost corners were re-established at proportionate distances, based upon the original survey. The retracement data was thoroughly verified and only the true line notes are given here.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Reestablishment of the surveys executed by A. D. Ferron, Deputy Surveyor in 1872, and James C. Dick, Deputy Surveyor in 1900

Beginning at the standard closing corner of T. 15 S., Rs. 5 and 6 E., marked by an iron post, 3 ins. in diameter, firmly set, properly marked and witnessed as described in the official record:

Thence:

N. 0° 09' W. along the east boundary of section 36

Over mountainous land, through medium dense growth of timber, and a scant undergrowth, desc. 85 ft. along a NE. slope

12.80 Draw, drains E, stream of good water, 3 links wide and 6 ins. deep in the bottom, ascend 430 ft. along an abrupt SW. slope.

32.00 Spur, projects S. 60° E., descend 160 ft. along a NE. slope

39.94 The original $\frac{1}{4}$ section corner, marked by an sandstone rock, 14x12x6 ins., firmly set in the ground, marked $\frac{1}{4}$ on the W. face, and from which:

A spruce, 40 ins. in diameter, marked $\frac{1}{4}$ S36BT, bears N. 42° 00' W., 96 links distant (Tree dead)

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 36 only, with brass cap marked:

$\frac{1}{4}$ S36

1937

from which,

A balsam, 18 ins. in diameter, marked $\frac{1}{4}$ S36BT, bears S. 14° 30' W., 47 links distant.

A spruce, 24 ins. in diameter, marked $\frac{1}{4}$ S36BT, bears N. 77° 30' W., 118 links distant.

Deposit the original stone alongside the iron post.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Chains

Thence

N.0°20'E., with continuous measurement.

Descend 275 ft. along a NE. slope.

59.10 Draw, drains E., stream of good water, 10 links wide, 3 ins. deep, in the bottom; ascend 230 ft. along a S. slope.

79.53 The original corner of sections 25 and 36, marked by a sandstone, 12x12x4 ins., firmly set in the ground, and marked with one groove on the south, and 5 grooves on the north edges.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 25 and 36, with brass cap marked

T15S	
R5E	R6E
S25	
	S31
S36	
1937	

from which

An aspen, 12 ins. diam., marked T15S R5E S36 BT, bears S.22°15'W., 60 links distant. (New tree).

A balsam, 14 ins. diam., marked T15S R5W S25 BT, bears N.33°00'W., 37 links distant. (Original tree)

Deposit the original corner stone alongside the iron post.

Land, rolling mountain slopes, general NE. exposure and drainage.

Soil, sandy to gravelly loam; 2nd rate.

Timber, spruce, balsam and aspen.

Undergrowth, sagebrush, elder berry, gooseberry, weeds and grass.

Good grazing.

North, along the east boundary of section 25.

Over mountainous land, through a medium dense growth of timber, and a medium undergrowth; ascend 810 ft. over an abrupt SW. slope to the $\frac{1}{4}$ section corner.

11.60 Stream of good water, 2 links wide, 1 in. deep, flows SW.

13.40 Stream of good water, 2 links wide, 1 in. deep, flows SW.

19.01 Intersect the closing corner of sections 30 and 31, T. 15 S., R. 6 E., a limestone rock, projecting 12x12x4 ins., above ground, firmly set, properly marked, as described in the official record, witnessed by a mound of stone to the east.

26.95 Stream of good water, 1 link wide, 1 in. deep, flows SW.

33.20 Stream of good water, 2 links wide, 1 in. deep, flows SW.

36.00 Stream of good water, 2 links wide, 1 in. deep, flows SW.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Chains

39.78 The original $\frac{1}{4}$ section corner, a sandstone rock, 13x10x3 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 25 only, with brass cap marked

$\frac{1}{4}$ S25

1937,

from which

A balsam, 10 ins. diam., marked $\frac{1}{4}$ S25 BT, bears S.88°15'W., 111 links distant.

A spruce, 14 ins. diam., marked $\frac{1}{4}$ S25 BT, bears N.76°45'W., 121 links distant.

Deposit the original corner stone alongside the iron post.

Thence

N.0°03'W., with continuous measurement.

Ascend 30 ft. along a SW. slope.

42.30 Spur, projects W., descend 85 ft. along a NW. slope.

55.40 Draw, drains SW.; ascend 250 ft. along a SW. slope.

70.50 Top of ascent, bears NW. and SE.; descend 20 ft. along a rolling top.

79.70 The original corner of sections 24 and 25, a sandstone rock, 12x10x8 ins., firmly set in the ground, and properly marked, as described in the official record.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 24 and 25, with brass cap marked

R15S

S5E R6E

S24

S30

S25

1937

from which

A spruce, 12 ins. diam., marked T15S R5E S25 BT, bears S.47°15'W., 203 links distant.

A spruce, 10 ins. diam., marked T15S R5E S24 BT, bears N.81°15'W., 150 links distant.

Deposit the original corner stone alongside the iron post.

Land, rough mountain slopes, general SW. exposure and drainage.

Soil, black mountain loam; 2nd rate.

Timber, spruce, balsam, fir and aspen.

Undergrowth, willow, gooseberry and weeds.

Good grazing.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Chains

N.0°09'E., along the east boundary of section 24.

Over mountainous land, through a medium dense growth of timber, and a medium dense undergrowth; ascend 20 ft. along a S. slope.

4.50 Top of ridge, bears NW. and SE.; descend along a gentle NE. slope.

6.90 Edge of rolling top, bears NW. and SE.; descend 335 ft. along a NE. slope.

18.95 The closing corner of sections 19 and 30, T. 15 S., R. 6 E., a sandstone rock, 12x10x6, ins., firmly set in the ground, properly marked as described in the official record, and from which

A spruce, 12 ins. diam., marked T15S R6E S19 CC BT bears N.66°00'E., 15 links distant.

Descend 525 ft. along a NE. slope.

40.11 The original $\frac{1}{4}$ section corner, a sandstone rock, 14x10x2 ins., firmly set in the ground, properly marked as described in the official record.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 24 only, with brass cap marked

$\frac{1}{4}$ S24 |
1937

from which

A spruce, 12 ins. diam., marked $\frac{1}{4}$ S24 BT, bears S12°00'W., 43 links distant. (Original tree).

A balsam, 10 ins. diam., marked $\frac{1}{4}$ S24 BT, bears N.41°00'W., 23 links distant. (Original tree).

Deposit the original corner stone alongside the iron post.

Thence

N.0°12'W., with continuous measurement.

Descend 230 ft. along a NE. slope.

52.90 Canyon, drains N.60°E.; ascend 350 ft. along a SE. slope.

71.20 Spur, projects E.; continue along an E. slope.

84.83 The corner of sections 13 and 24, T. 15 S., R. 5 E., marked by a sandstone, 18x6x6, firmly set in the ground, and marked with 3 notches on the north and south edges, and witnessed by a mound of stone to the west.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 13 and 24, T. 15 S., R. 5 E., only, with brass cap marked

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 6 E.

Chains

unlaid

T15S	
R5E	R6E
S13	
S19	
S24	
1937	

Deposit the original corner stone alongside the iron post.

Land, rolling mountain top; drainage NE.

Soil, deep mountain loam; 2nd rate.

Timber, pinon, juniper and Douglas fir.

Undergrowth, sagebrush, mountain rush and weeds; bunch grass.

Good grazing.

N.1°48'W., along the east boundary of section 13.

Over mountainous land, through widely scattered timber and a medium dense undergrowth; ascend 170 ft. along a SE. slope.

- 2.50 Top of steep ascent, bears NE. and SW.; continue ascent along a gentle S. slope, across the broad top of the ridge.
- 11.55 Graded road, Skyline Drive, bears NE. and SW.
- 14.10 The closing corner of sections 18 and 19, T. 15 S., R. 6 E., marked by a sandstone rock, projecting 12x10x6 ins. above ground, firmly set, properly marked, and witnessed, as described in the official record.
- 21.10 Descend along a gentle NE. slope.
- 26.10 Recross Skyline Drive, bears NW. and SE.
- 28.52 Descent becomes more abrupt, edge bearing NW. and SE.; descend 120 ft. along a NE. slope.
- 40.32 Proportionate distance; no trace of the original $\frac{1}{4}$ sec. corner.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 13, only, with brass cap marked

$\frac{1}{4}$ S13
1937

Raise a mound of stone, 3 ft. base, 2 ft. high, west of the post.

- 45.00 Bottom of descent, ascend 200 ft. along an abrupt SE. slope.
- 57.50 Top of ascent, bears NE. and SW.; continue along a gentle W. slope.
- 64.20 Recross Skyline Drive, bears NE. and SW.
- 75.00 Pole fence, bears NE. and SW.
- 79.70 Swale, drains SW.; ascend along a S. slope.
- 80.64 The corner of sections 12 and 13, T. 15 S., R. 5 E., marked by a sandstone rock, projecting 16x12x4 ins., above ground, firmly set, properly marked and witnessed, as described in the official record.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Chains

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 12 and 13, T. 15 S., R. 5 E., only, with brass cap marked

T15S	
R5E	R6E
S12	
	S18
S13	
1937	

Raise a mound of stone, 3 ft. base, 2 ft. high, to the west of the post. Deposit the original corner stone at the base of the iron post; no suitable trees available for marking.

Land, rolling mountain top; drainage NE.

Soil, deep mountain loam; 2nd rate.

Timber, pinon, mountain mahogany, and Douglas fir.

Undergrowth, sagebrush, mountain rush and weeds; bunch grass.

Good grazing.

N.1°22'W., along the east boundary of section 12.

Over mountainous land, through a scattering growth of timber, and a medium dense undergrowth; ascend 55 ft. along a S. slope.

2.20 Pole fence, bears S.83°E. and S.76°W.

4.40 Graded road, Skyline Drive, bears NE. and SE.

14.00 No trace of the original closing corner of sections 7 and 18, T. 15 S., R. 6 E. can be found.

34.80 Spur, projects W.; descend 90 ft. along a NW. slope.

39.57 The $\frac{1}{4}$ section corner of section 12, only, marked by a sandstone rock projecting 12x8x8 ins., above ground, firmly set, properly marked and witnessed, as described in the official record.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 12, only, with brass cap marked

$\frac{1}{4}$ S12	
1937	

from which

A spruce, 12 ins. diam., marked $\frac{1}{4}$ S12 BT, bears S.72°00'W., 117 links distant.

A spruce, 20 ins. in diam., marked $\frac{1}{4}$ S12 BT, bears N.32°45'W., 21 links distant.

Deposit the original corner stone alongside the iron post.

Thence

N.1°52'W., with continuous measurement.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 5

Chains

Descend 270 ft. along a steep NW. slope.

55.00

Base of steep descent, bears NE. and SW.; continue along a general W. slope.

80.62

The corner of sections 1 and 12, T. 15 S., R. 5 E., marked by a sandstone, 14x16x4 ins., firmly set in the ground, and marked with 5 notches on the south, and 1 notch on the north edges, witnessed by a mound of stone to the west.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 1 and 12, T. 15 S., R. 5 E., with brass cap marked

T15S	
R5E	R6E
S1	
S12	S7
1938	

Deposit the original corner stone alongside the iron post.

Land, rolling mountain top; drainage W.

Soil, deep, gravelly loam; 2nd rate.

Timber, Douglas fir, spruce and mountain mahogany.

Undergrowth, sagebrush, mountain rush and weeds; bunch grass.

Good grazing.

N.2°19'W., along the east boundary of section 1.

Over mountainous land, through widely scattered timber and a medium dense undergrowth; descend 10 ft. along a NW. slope.

2.20

Small draw, drains S.70°W.; ascend 375 ft. along a SW. slope.

13.49

No trace of the orig. c.c. of secs. 6 and 7, T.15 S., R.6 E.

23.80

Spur, projects W.; descend 285 ft. along a NW. slope.

40.39

The original $\frac{1}{4}$ section corner of section 1, only, marked by a sandstone rock, 9x7x4 ins., above ground, firmly set, and marked $\frac{1}{4}$ on the west face, and witnessed by an Engleman spruce, hereinafter described.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner of section 1, only, with brass cap marked

 $\frac{1}{4}$ S1

1938

from which

An Engleman spruce, 24 ins. in diam., marked $\frac{1}{4}$ S1 BT, bears N.70°00'W., 20 links distant. (Original tree)

No other suitable tree available for marking.

Deposit the original corner stone alongside the iron post.

Thence

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 15 S., R. 5 E.

Chains

N.1°09'W., with continuous measurement.

Descend 110 ft. along a NW. slope to the draw.

44.60 Small spring, drains W.

60.00 Small spring, drains W.

67.00 Draw, drains W.; ascend 135 ft. along a S. slope.

80.36 The corner of Ts. 14 and 15 S., Rs. 5 and 6 E., marked by an iron post, 3 ins diam., firmly set, properly marked and witnessed, as described in the official record.

Land, rolling mountain top; drainage W.

Soil, deep, gravelly mountain loam; 2nd rate.

Timber, Douglas fir, spruce, and mountain mahogany.

Undergrowth, sagebrush, mountain rush and weeds; bunch grass.

Good grazing.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Reestablishment of the Surveys executed by
Deputy Surveyor A. D. Ferron, in 1872, and
Deputy Surveyor James C. Dick, in 1900.

Beginning at the standard corner of sections 35 and 36, on the south boundary of the township, an iron post, 2 ins. in diameter, firmly set, properly marked and witnessed as described in the official record.

Thence

N.0°03'W., between sections 35 and 36.

Over mountainous land, through a medium dense timber and a medium dense undergrowth, descend 250 ft. along a general NE. slope.

25.00 Low spur, projects E.; continue descent along a NE. slope.

39.90 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 14x12x8 ins., firmly set, properly marked, as described in the official record.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S35/S36
1937

from which

A spruce, 14 ins diam., marked $\frac{1}{4}$ S36 BT, bears
N.55°30'E., 26 links distant. (Original tree dead)

A balsam, 18 ins. diam., marked $\frac{1}{4}$ S36 BT, bears
S.58°00'E., 60 links distant. (New tree)

A balsam, 20 ins. diam., marked $\frac{1}{4}$ S35 BT, bears
West, 8 links distant. (Original tree)

Deposit the original corner stone alongside the iron post.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

continued

Thence

North, with continuous measurement.

Descend 55 ft. along a NE. slope.

44.50 Draw, drains S.75°E., ascend 270 ft. along a S. slope to spur.

63.90 Old road, bears S.60°E. and N.80°W.

64.90 Spur, projects S.70°E.; descend 345 ft. along an abrupt N. slope.

79.83 The corner of sections 25, 26, 35, and 36, marked by a sandstone rock, 14x6x4 ins., firmly set, and marked with 1 notch on the east and south corners.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 25, 26, 35, and 36, with brass cap marked

T15S R5E

S26 S25

S35 S36

1937

from which

A balsam, 10 ins. diam., marked T15S R5E S25 BT, bears N.26°00'E., 59 links distant. (Original tree dead)

No suitable trees available for marking.

Deposit the original corner stone alongside the iron post.

Land, rolling mountain slopes; drainage SE.

Soil, deep, mountain loam; 2nd rate.

Timber, spruce, balsam, and Douglas fir.

Undergrowth, sagebrush and weeds; bunch grass.

Good grazing.

Beginning at the corner of sections 25 and 36, on the east boundary of the township, heretofore described.

Thence

N.89°43'W., between sections 25 and 36.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 55 ft. along a rolling SW. slope.

18.60 Canyon, drains SE., a stream of good water, 5 links wide, and 2 ins. deep in the bottom; ascend 135 ft. along a SE. slope.

35.73 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 14x10x3 ins., firmly set, properly marked and witnessed by a mound of stone to the north.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 18 S., R. 5 E.

Chains

$\frac{1}{4}$ S 25
S 36
1937

Deposit the original corner stone alongside the iron post.

Thence

N.89°59'W., with continuous measurement.

Ascend 160 ft. along a general SE. slope.

67.40 Small draw, drains SE. for about 3 chains, thence east, continue ascent along a NE. slope.

75.69 The corner of sections 25, 26, 35, and 36.

Land, rolling mountain slopes; drainage SE.

Soil, deep, mountain loam; 2nd rate.

Timber, spruce, fir and balsam.

Undergrowth, sagebrush, mountain rush and weeds; bunch grass.

Good grazing.

N.0°06'E., between sections 25 and 26.

Over mountainous land, through widely scattered timber and a medium dense undergrowth, along a gentle NE. slope.

2.50 Bottom of descent on an E. slope; ascend 435 ft. along a SE. slope.

21.90 Spur, projects N.80°E.; descend 145 ft. along a general NE. slope.

39.96 Proportionate point; no trace of the original $\frac{1}{4}$ section corner could be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S26 | S25
1937

Raise a mound of stone, 3 ft. base, 2½ ft. high, west of the post. No suitable trees available for marking.

Descend 150 ft. along a NE. slope.

58.20 Bottom of depression, drain E.; ascend 240 ft. along a SE. slope.

79.92 The corner of sections 23, 24, 25, and 26, marked by a sandstone rock, 15x8x6, firmly set in the ground, and marked with 2 notches on the south, and 1 notch on the east edges, and from which a cross on a stationary boulder, 3x4x4 ft., marked XB0, bears 17 links north.

At the corner point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 23, 24, 25, and 26, with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

T15S	R5E
S23	S24
S26	S25
1937	

Deposit the original cornerstone alongside the iron post.

No suitable trees available for marking.

Land, rolling mountain top; E. exposure and drainage.

Soil, rocky clay loam; 2nd rate.

Timber, balsam and spruce.

Undergrowth, deer browse and weeds; bunch grass.

Good grazing.

Beginning at the corner of sections 24 and 25, on the east boundary of the township, heretofore described.

Thence

N.89°43'W., between sections 24 and 25.

Over rolling mountain top, through a medium dense timber and a medium dense undergrowth; descend 340 ft. along a SW. slope to the $\frac{1}{4}$ section corner.

34.20 Trail, bears NW. and SE.

35.90 Proportionate distance. No trace of the original corner could be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$	S 24
	S 25
	1937

from which

A balsam, 9 ins. in diam., marked $\frac{1}{4}$ S25 BT, bears S. 2 links distant.

A spruce, 16 ins. diam., marked $\frac{1}{4}$ S24 BT, bears N.57° 15'W., 26 links distant.

36.10 Descent becomes more abrupt, edge bears NW. and SE.; descend 430 ft. along an abrupt SW. slope to the draw.

48.60 Ditch, 10 links wide, 4 ft. deep, drains N.50°W.

62.10 Draw, drains S.10°E.; ascend 330 ft. along a SE. slope to the corner.

64.75 Trail, bears S.10°E. and N.10°W.

75.60 The corner of sections 23, 24, 25, and 26.

Land, rolling, mountain slopes; drainage SE.

Soil, deep clay loam; 2nd rate.

Timber, spruce, and balsam.

Undergrowth, weeds and gooseberry; grass.

Good grazing.

N.0°06'W., between sections 23 and 24.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

Over rolling land, through a medium dense undergrowth and a medium dense stand of timber; ascend 45 ft. along a SE. slope to ridge.

1.40 Graded road, Skyline Drive, bears NE. and SW.

6.50 Ridge, bears NE. and SW.; descend 860 ft. along a NW. slope to the $\frac{1}{4}$ section corner.

25.50 Small wash, drains NW.; continue descent.

26.40 Small wash, drains NW.; continue descent.

39.72 The original $\frac{1}{4}$ section corner, marked by a sandstone rock, 24x15x18 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S23|S24
1937

from which

An aspen, 8 ins. diam., marked $\frac{1}{4}$ S24 BT, bears N.70° 00'E., 56 links distant.

No other suitable tree available for marking. Deposit the original corner stone alongside the iron post. Thence N.0°34'W., with continuous measurement. Ascend 135 ft. along a SW. slope.

46.10 Spur, projects W.; descend 140 ft. along a NW. slope.

54.80 Draw, drains W.; ascend 520 ft. along a SW. slope to spur.

56.90 Small stream of good water, flows W.

72.30 Spur, projects W.; descend 35 ft. along a NW. slope.

79.49 The corner of sections 13, 14, 23, and 24, marked by a sandstone rock, 16x14x3 ins., firmly set in the ground, and marked with three notches on the south, and one notch on east edges; witnessed by a mound of stone to the west.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 13, 14, 23, and 24, with brass cap marked

T15S R5E
S14|S13
S23|S24
1937

Deposit the original corner stone alongside the iron post.

No suitable trees available for marking.

Land, rolling mountain slopes; W. exposure and drainage. Soil, rocky clay loam; 3rd rate Timber, spruce, fir and aspen. Undergrowth, sagebrush and weeds; grass. Good grazing.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S., R. 5 E.

Chains

English

Beginning at the corner of sections 13 and 24, on the east boundary of the township, heretofore described.

Thence

S.86°25'W., between sections 13 and 24.

Over mountainous land, through a medium dense undergrowth; ascend 150 ft. along a SE. slope.

4.40 Ridge, bears NE. and SW.; descend 435 ft. along an abrupt NW. slope, through a medium dense timber to the $\frac{1}{4}$ section corner.

6.40 Graded road, Skyline Drive, bears NE. and SW.

19.20 Trail, bears NE. and SW.

37.94 Proportionate distance. No trace of the original $\frac{1}{4}$ section corner could be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap mkd

$$\begin{array}{r} \frac{1}{4} \text{ S } 13 \\ \hline \text{S } 24 \\ 1937 \end{array}$$

from which

A spruce, 16 ins. diam., marked $\frac{1}{4}$ S24 BT, bears S.68° 45'W., 169 links distant.

A spruce, 24 ins. diam., marked $\frac{1}{4}$ S13 BT, bears N.29°30'W. 186 links distant.

38.25 Graded road, from Skyline Drive to Mt. Pleasant, Utah, bears SW. and NE.; descend 95 ft. along a NW. slope to the draw.

44.80 Recross road, bears NW. and SE.

47.30 Wash, 20 links wide, 3 ft. deep, in the bottom, of Pleasant Creek, drains N.20°W.; ascend 640 ft. along a NE. slope.

72.60 Spur, projects N.60°W.; descend 40 ft. along a W. slope.

76.00 The corner of sections 13, 14, 23, and 24.

Land, rough mountain slopes; NW. exposure and drainage. Soil, deep clay loam; 2nd rate. Timber, fir and spruce. Undergrowth, sagebrush and weeds; grass. Good grazing.

N.1°48'W., between sections 13 and 14.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend along a gentle W. slope.

5.20 Spur, projects NW.; descend 680 ft. along a general NE. slope to the $\frac{1}{4}$ section corner.

29.50 Small spur, projects NE.; continue descent along an abrupt N. slope.

40.14 Proportionate distance. No trace of the original

217

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for the restored $\frac{1}{2}$ section corner, with brass cap marked

$\frac{1}{2}$
S14|S13
1938

from which.

A pine, 24 ins. diam., marked $\frac{1}{2}$ S13 BT, bears S.75°30'E., 84 links distant.

No other suitable tree available for marking.

Descend 525 ft. along a general NW. slope to the corner.

- 49.40 Draw, drains NW.; continue descent.
- 62.30 Road, bears E. and W., Skyline Drive to Mt. Pleasant, Utah.
- 62.80 Recross road, bears E. and W.
- 66.20 Recross road, bears NW. and SE.
- 69.10 Draw, drains N.60°W.; ascend.
- 78.70 Pleasant Creek, stream of good water, 3 links wide, 1 in. deep, flows N.60°W.
- 80.28 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a small mound of stone, for the restored corner of sections 11, 12, 13, and 14, with brass cap marked

T15SR5E
S11|S12
S14|S13
1938

from which

An aspen, 10 ins. diam., marked T15S R5E S12 BT, bears N.35°00'E., 40 links distant.

A pine, 10 ins. diam., marked T15S R5E S13 BT, bears S.51°45'E., 28 links distant.

A pine, 4 ins. diam., marked BT, only, bears S.47°00'W., 37 links distant.

An aspen, 9 ins. diam., marked T15S R5ESS11 BT, bears N.25°00'W., 49 links distant.

Land, rough mountain slopes; NW. exposure and drainage.
Soil, rocky mountain loam; 2nd rate.
Timber, fir, spruce and aspen.
Undergrowth, sagebrush, deer browse and weeds; grass.
Good grazing.

Beginning at the corner of sections 12 and 13, on the east boundary of the township, heretofore described.

Thence

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

S.86°07'W., between sections 12 and 13. 1938

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 385 ft. over a general W. slope to the $\frac{1}{4}$ section corner.

14.45 Wire fence, bears S.20°W. and N.20°E., about 50 links distant, thence N.60°E.

38.08 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a mound of stone, for the restored $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$ S 12
S 13
1938

Deposit a sandstone rock, 7x6x5 ins., marked with a X at the base of the post. No suitable trees available for marking.

Descend 1315 ft. over a general W. slope to the section corner.

53.90 Gorge, 1 chain wide, and 105 ft. deep, drains SW.; stream of good water in the bottom.

76.16 Proportionate distance. The corner of sections 11, 12, 13, and 14.

Land, rough and broken mountain slopes with numerous sandstone ledges and rims; SW. exposure and drainage. Soil, rocky mountain loam; 2nd rate. Timber, aspen, fir, and spruce. Undergrowth, sagebrush and weeds; grass. Good grazing.

N.1°25'W., between sections 11 and 12.

Over rough, mountainous land, through a medium dense timber, and a medium dense undergrowth; ascend 50 ft. along a S. slope.

4.10 Point of spur, projecting from the NE.; descend along a NW. slope.

8.50 Small draw, drains SW., small stream of good water in bottom; ascend 530 ft. along a SW. slope.

34.40 Spur, projects W.; descend 220 ft. along a N. slope.

40.13 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S11/S12

1938

from which

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 5 E.

Chains

A Douglas fir, 16 ins. diam., marked $\frac{1}{2}$ S12 BT, bears N.70°00'E., 11 links distant.

A Douglas fir, 10 ins. diam., marked $\frac{1}{2}$ S11 BT, bears N.68°00'W., 22 links distant.

Descend 1045 ft. over a broken NW. slope over ledges and spurs.

70.80 Straight Fork of Pleasant Creek, drains SW., stream of good water, 10 links wide, 6 ins. deep in bottom; ascend 290 ft. along a SE. slope to the corner.

80.26 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored corner of sections 1, 2, 11, and 12, with brass cap marked

T15S R5E

S2 S1

S11 S12

1938

from which

A Douglas fir, 4 ins. diam., marked BT, only, bears N.6°30'E., 32 links distant.

A Douglas fir, 8 ins. diam., marked T15S R5E S12 BT, bears S.80°00'E., 64 links distant.

No other suitable trees available for marking.

Land, rough and broken mountain slopes; drainage and exposure, SW.

Soil, rocky loam; 3rd rate.

Timber, aspen, fir, and spruce.

Undergrowth, sagebrush and weeds; grass.

Good grazing.

Beginning at the corner of sections 1 and 12, on the east boundary of the township, heretofore described.

Thence

S.85°48'W., between sections 1 and 12.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 150 ft. along a NW. slope.

7.50 Draw, drains SW.; continue along a S. slope.

17.00 Top of ascent on a S. slope, bears N. and S.; descend 515 ft. along a steep and rocky SW. slope.

37.99 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored $\frac{1}{2}$ section corner, with brass cap marked

S 1

S 12

1938

from which

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

An aspen, 12 ins. diam., marked $\frac{1}{2}$ S12 BT, bears S.34°00'E., 54 links distant.

An aspen, 6 ins. diam., marked $\frac{1}{2}$ S1 BT, bears N.1°45'E., 53 links distant.

Descend 480 ft. along a SW. slope to the draw.

45.90 Vertical sandstone ledge, bears NW. and SE.; descend abruptly.

50.60 Draw, drains SW. about 50 links to junction with draw from the S.85°E., thence S.85°W.; ascend 390 ft. along a broken SE. slope, over ledges.

75.98 Proportionate distance. The corner of sections 1, 2, 11, and 12.

Land, rough and broken mountain slopes; drainage and exposure, SW.

Soil, sandy to rocky loam; 3rd rate.

Timber, aspen, fir and spruce.

Undergrowth, sagebrush and weeds; grass.

Fair grazing.

N.4°58'W., between sections 1 and 2.

Over rough and broken mountainous land, through scattering timber, and a medium dense undergrowth; ascend 850 ft. along a SE. slope.

27.20 Spur, projects S.85°W.; descend 230 ft. along a NW. slope.

40.27 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored $\frac{1}{2}$ section corner, with brass cap marked

$\frac{1}{2}$
S2|S1
1938

from which

A white spruce, 18 ins. diam., marked $\frac{1}{2}$ S1 BT, bears N.84°15'E., 31 links distant.

A white spruce, 14 ins. diam., marked $\frac{1}{2}$ S2 BT, bears S.56°15'W., 54 links distant.

Descend 935 ft. along a steep and rugged NW. slope.

51.30 North Fork of Pleasant Creek, drains W., stream of good water, 10 links wide, 3 ins. deep in bottom; ascend 650 ft. along a general SE. slope.

79.00 Spur, projects W.; descend 70 ft. along a NW. slope.

85.26 Proportionate distance. The corner of sections 1, 2, 35, and 36, on the north boundary of the township, an iron post, 2 ins. diameter, firmly set in the ground, properly marked and witnessed, as described in the official record.

Land, rough and broken mountain slopes; drainage, W. Soil, sandy to rocky loam; 2nd rate.

Timber, spruce, fir and aspen.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

Undergrowth, sagebrush and weeds; grass.
Good grazing.

Beginning at the standard corner of sections 34 and 35 on the south boundary of the township, an iron post, 2 ins. diameter, firmly set, properly marked and witnessed, as described in the official record.

Thence

N.0°03'W., between sections 34 and 35.

Over rolling mountainous land, through medium dense timber, and a medium dense undergrowth; descend 135 ft. along a NW. slope.

7.80 Draw, drains NW.; ascend 20 ft. along a SW. slope.

10.50 Spur, projects NW.; descend 60 ft. along a NW. slope.

12.90 Draw, drains NW., small stream of good water in the bottom; ascend 200 ft. along a steep SW. slope.

31.60 Spur, projects S.60°W.; descend 100 ft. along a NW. slope.

38.50 Draw, drains W.; ascend along a gradual W. slope.

40.14 The $\frac{1}{4}$ section corner, marked by a sandstone, 10x8x4 ins., firmly set in the ground, and marked $\frac{1}{4}$ on west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S34|S35
1937

from which

A balsam, 12 ins. diameter, marked $\frac{1}{4}$ S35 BT, bears S.58°00'E., 38 links distant.

An aspen, 14 ins. diameter, marked $\frac{1}{4}$ S34 BT, bears N.17°00'W., 20 links distant.

Deposit the original corner stone alongside the iron post.

Thence

N.0°09'W., with continuous measurement.

Continue along a W. slope.

43.50 Small stream of good water, flows W.; continue along a broken W. slope.

46.60 Small stream of good water, flows SW.

49.20 Small stream of good water, flows S.30°W.; ascend 675 ft. along a SW. slope.

50.40 Small spring of good water, bears west, 25 links distant.

67.90 Spur, projects W.; descend 310 ft. along a steep N. slope.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 13 S., R. 5 E.

Chains

79.83

The corner of sections 26, 27, 34, and 35, a sandstone, 12x8x5 ins., firmly set in the ground, and marked with 2 notches on the east, and 1 notch on the south edges.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 26, 27, 34, and 35, with brass cap marked

T15S	R5E
S27	S26
S34	S35
1937	

from which

A balsam, 26 ins. diam., marked T15S R5E S26 BT, bears N.30°00'E., 121 links distant.

A balsam, 16 ins. diam., marked T15S R5E S35 BT, bears S.81°00'E., 127 links distant.

A balsam, 24 ins. diam., marked T15S R5E S34 BT, bears S.42°15'W., 73 links distant.

A balsam, 12 ins. diam., marked T15S R5E S27 BT, bears N.46°15'W., 58 links distant.

Land, rolling mountain slopes; W. exposure and drainage. Soil, sandy clay loam; 2nd rate.

Timber, balsam, fir and spruce.

Undergrowth, sagebrush and weeds; grass.

Good grazing.

Beginning at the corner of section 25, 26, 35, and 36.

Thence

S.89°37'W., between sections 26 and 35.

Over mountainous land, through a medium dense undergrowth; ascend 590 ft. along a NE. slope to the ridge.

20.20 Graded road, Skyline Drive, bears N.25°W. and S.25°E.

25.10 Ridge, bears N. and S.; descend 330 ft. along a NW. slope, through medium dense timber, and medium dense undergrowth.

40.11 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 14x8x3 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$	S 26
	S 35
1937	

from which

A spruce, 16 ins. diam., marked $\frac{1}{4}$ S26 BT, bears N.51°00'E., 105 links distant. (Original tree).

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

A balsam, 14 ins. diameter, marked $\frac{1}{4}$ S35 BT, bears S.54°00'E., 47 links distant. (Original tree dead)

A spruce, 18 ins. diameter, marked $\frac{1}{4}$ S35 BT, bears S.28°00'E., 68 links distant. (New tree)

Deposit the original corner stone alongside the iron post.
Thence

S.89°59'W., with continuous measurement.

Descend 740 ft. along a NW. slope.

79.67 The corner of sections 26, 27, 34, and 35.

Land, rough mountain slopes; drainage and exposure E. and NW. from the ridge at the 25.10 chain point.
Soil, deep clay loam; 2nd rate.
Timber, spruce and balsam.
Undergrowth, deer browse and weeds; grass.
Good grazing.

N.0°15'W., between sections 26 and 27.

Over mountainous land, through medium dense timber and a medium dense undergrowth; descend 245 ft. along a NW. slope.

8.70 Draw, drains W., small stream in bottom; ascend 750 ft. along a SW. slope.

34.90 Spur, projects N.60°W.; descend 70 ft. along a NW. slope.

39.56 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 9x6x6 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S27 | S26
1937

from which

A balsam, 12 ins. diam., marked $\frac{1}{4}$ S26 BT, bears N.6°30'E., 154 links distant. (Original tree)

A balsam, 18 ins. diam., marked $\frac{1}{4}$ S27 BT, bears S.16°30'W., 358 links distant. (Original tree)

Deposit the original corner stone alongside the iron post.
Thence

N.0°03'E., with continuous measurement.

Descend 75 ft. along a NW. slope to the draw.

40.60 Trail, bears NE. and SW.

47.00 Head of draw, draining NW.; ascend along a gentle SW. slope to the spur.

57.30 Old road, bears NW. and SE.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 15 S., R. 5 E.

Chains

- 65.70 Trail, bears NW. and SE.
- 70.70 Spur, projects NW.; descend 190 ft. along a steep NE. slope.
- 79.50 The corner of sections 22, 23, 26, and 27, marked by a sandstone rock, 14x10x8 ins., marked with 2 notches on the south and east edges, firmly set in the ground.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the corner of sections 22, 23, 26, and 27, with brass cap marked

T15S	R5E
S22	S23
S27	S26
1937	

Deposit the original corner stone alongside the iron post, and raise a mound of stone, 3 ft. base, 2 ft. high, west of the post. No suitable trees available for marking.

Land, steep, mountain slopes; NW. exposure and drainage.
Soil, clay mountain loam; 2nd rate.
Timber, spruce, balsam and aspen in the southern part.
Undergrowth, deer browse and weeds; grass.
Good grazing.

Beginning at the corner of sections 23, 24, 25, and 26.

Thence

S.89°12'W., between sections 23 and 26.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 95 ft. along a steep E. slope.

- 2.10 Ridge, bears N.20°E. and S.20°W.; graded road, Skyline Drive, along top; descend 975 ft. along a steep NW. slope.
- 39.71 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 30x8x6 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the north face, witnessed by a mound of stone to the north.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$	S 23
	S 26
1937	

from which

A balsam, 14 ins. diameter, marked $\frac{1}{4}$ S26 BT, bears S.8°30'W., 78 links distant.

A balsam, 14 ins. in diameter, marked $\frac{1}{4}$ S23 BT, bears N.17°30'W., 23 links distant.

Deposit the original corner stone alongside the iron post.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

Thence

N.89°47'W., with continuous measurement.

Descend 150 ft. along a NW. slope.

50.80 Draw, drains NW., stream of good water, 2 links wide, 2 ins. deep, in the bottom, ascend 540 ft. along a steep NE. slope.

80.09 The corner of sections 22, 23, 26 and 27.

Land, steep mountain slopes; drainage, NW.

Soil, clay, mountain loam; 2nd rate.

Timber, balsam, spruce, and aspen.

Undergrowth, sagebrush, deer browse and weeds; grass.

Good grazing.

N.0°04'W., between sections 22 and 23.

Over mountainous land, through scattering timber, and a medium dense undergrowth; descend 185 ft. along a NE. slope.

12.40 Spur, projects N.30°E.; continue descent of 790 ft. along a steep NW. slope, to the $\frac{1}{4}$ section corner.

36.00 Trail, bears N.60°W. and S.60°E.

39.00 Trail, bears E. and W.

38.98 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 14x8x5 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the west face.

At the corner point.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S22|S23
1937

from which

A balsam, 5 ins. diameter, marked $\frac{1}{4}$ S23 BT, bears S.89°15'E., 9 links distant.

A balsam, 18 ins. diameter, marked $\frac{1}{4}$ S22 BT, bears N.46°00'W., 28 links distant.

Deposit the original corner stone alongside the iron post.

Thence

N.0°28'E., with continuous measurement.

Descend 25 ft. along a NW. slope.

39.30 Draw, drains W.; ascend 190 ft. along a SE. slope to the spur.

42.70 Old road, bears N.60°W. and S.60°E.

50.80 Spur, projects W.; descend 100 ft. along a NW. slope.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

- 55.40 Draw, drains N.60°W.; ascend 65 ft. along a SW. slope to the spur.
- 58.30 Old road, bears E. and W.
- 60.00 Spur, projects NW.; descend 135 ft. along a NE. slope.
- 65.00 Draw, drains NW.; small stream of good water in bottom; ascend 430 ft. along a SW. slope.
- 79.04 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the restored corner of sections 14, 15, 22, and 23, with brass cap marked

T15S	R5E
S15	S14
S22	S23
1938	

from which

An aspen, 5 ins. diameter, marked BT, only, bears N.66°00'E., 17 links distant.

An aspen, 8 ins. diameter, marked T15S R5E S23 BT, bears S.51°00'E., 32 links distant.

An aspen, 6 ins. diameter, marked T15S R5E S22 BT, bears S.28°15'W., 4 links distant.

An aspen, 8 ins. diameter, marked T15S R5E S15 BT, bears N.45°30'W., 28 links distant.

From the corner point, the original corner of sections 17, 18, 19, and 20, hereinafter described, bears 238.51 chains N.89°37'W.

Land, rough and broken mountain slopes; NW. exposure and drainage.

Soil, sandy to gravelly loam; 2nd rate.

Timber, fir, spruce and aspen.

Undergrowth, sagebrush and weeds; grass.

Good grazing.

Beginning at the corner of sections 13, 14, 23, and 24.

Thence

S.89°09'W., between sections 14 and 23.

Over mountainous land, through scattering timber, and a medium dense undergrowth; descend 230 ft. along a NW. slope.

- 14.60 Head of draw, draining NW.; ascend along a gradual NE. slope.

- 39.66 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ section corner, with brass cap marked

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 3 E.

Chains

$$\begin{array}{r} 3 \ 14 \\ 3 \ 23 \\ \hline 1938 \end{array}$$

Raise a mound of stone, 3 ft. base, 1½ ft. high, north of the post. No suitable trees available for marking.

Ascend 15 ft. along a NE. slope.

42.00 Spur, projects N.65°W.; descend 715 ft. along a SW. slope to the draw.

72.00 Trail, bears NW. and SE.

74.40 Draw, drains S.30°W.; ascend along a SE. slope.

79.32 Proportionate distance. The corner of sections 14, 15, 22, and 23.

Land, rough, broken mountain slopes; drainage, NW.
Soil, sandy to gravelly loam; 2nd rate.
Undergrowth, sagebrush and weeds; grass.
Timber, widely scattered spruce, fir, and aspen.
Good grazing.

N.1°22'W., between sections 14 and 15.

Over mountainous land, through widely scattered timber and a medium dense undergrowth; ascend 640 ft. along a SE. slope.

12.10 Spur, projects N.70°W.; descend 350 ft. along a NW. slope to the draw.

20.80 Small spring branch, drains E.

37.20 Draw, drains SW.; ascend 75 ft. along a S. slope.

40.07 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for restored section corner, with brass cap marked

$$\begin{array}{r} 3 \\ 515 \ 514 \\ \hline 1938 \end{array}$$

from which

An aspen, 6 ins. diameter, marked 3 514 BT, bears S.60°00'E., 4 links distant.

An aspen, 7 ins. diameter, marked 3 515 BT, bears S.69°00'W., 21 links distant.

40.40 Small stream of good water, drains E.; ascend 275 ft. along a S. slope.

51.70 Spur, projects E.; descend 995 ft. along a general NW. slope to the corner.

56.40 Draw, drains N.10°E.; continue descent along a general N. slope.

80.14 Proportionate distance. No trace of the original corner can be found.

DEPARTMENT OF SURVEYING OF T. 23N., R. 5 E.

Chains

REMARKS

Set an iron post, 3 ft. long, 2 ins. diameter, 30 ins. in the ground, for the restored corner of sections 10, 11, 14, and 15, with brass cap marked

$$\begin{array}{r} T135 \text{ ME} \\ \hline S10/S11 \\ \hline S13/S14 \\ \hline 1936 \end{array}$$

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of the post. No suitable trees available for marking.

From the corner point, the original corner of sections 7, 12, 13, and 18 on the west boundary of the township, hereinafter described, bears 318.71 chains N. 89° 50' W.

Land, rough mountain slopes; drainage, W.

Soil, sandy to gravelly loam; 2nd rate.

Timber, widely scattered spruce, fir and aspen.

Undergrowth, sagebrush, deer browse and weeds; grass.

Good grazing.

Beginning at the corner of sections 11, 12, 13, and 14.

Thence

N. 89° 50' W., between sections 11 and 14.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 186 ft. along a SW. slope.

- 11.20 Pleasant Creek, drains NW.; stream of good water, 10 links wide, 2 ft. deep in bottom; ascend 100 ft. along a NE. slope.
- 16.10 Small spur, projects NW.; descend along a W. slope to draw.
- 18.00 Road, bears NW. and SE., Mt. Pleasant, Utah, to Skyline Drive.
- 19.40 Draw, drains NW., small stream of good water in the bottom; ascend 200 ft along a NE. slope.
- 31.00 Spur, projects NW.; descend 75 ft. along a NW. slope.
- 33.00 Bottom of depression on a N. slope; ascend 20 ft. along a NE. slope.
- 36.43 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the restored ¼ section corner, with brass cap marked

$$\begin{array}{r} S 11 \\ \hline S 14 \\ \hline 1936 \end{array}$$

from which

A pine, 6 ins. diameter, marked S11 NE, bears N. 32° 15' E., 15 links distant.

No other suitable tree available for marking.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains	
	Ascend along a NE. slope.
43.60	Spur, projects N.65°W.; descend 480 ft. along a NW. slope.
54.40	Draw, drains N.35°W., a small stream of good water in the bottom; ascend 120 ft. along a NE. slope.
64.40	Small spur, projects N.; descend 90 ft. along a W. slope.
69.20	Draw, drains N.10°E.; ascend 335 ft. along a NE. slope.
78.85	Proportionate distance. The corner of secs. 10, 11, 14, and 15.
	Land, rough and broken mountain slope; NW. exposure and drainage.
	Soil, sandy to gravelly loam; 2nd rate.
	Timber, pine, spruce, fir and aspen.
	Undergrowth, sagebrush and weeds; grass.
	Good grazing.

N.1°06'W., between sections 10 and 11.

Over mountainous land, through scattering timber, and a medium dense undergrowth; descend 430 ft. along a NE. slope.

- 7.00 Small wash, drains NE.; continue descent of 560 ft. along a NE. slope to the creek.
- 27.30 Road, bears NW. and SE., Mt. Pleasant, Utah, to Skyline Drive.
- 28.70 Pleasant Creek, drains NW.; stream of good water, 10 links wide, and 2 ft. deep in bottom; ascend 385 ft. along a SW. slope.
- 40.06 Proportionate distance. No trace of the original corner can be found.
- Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a mound of stone, for the restored $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
 S10|S11
 1938

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Ascend 210 ft. along a SW. slope.

- 47.10 Spur, projects S.75°W.; descend 575 ft. along a NW. slope.
- 67.00 Straight Fork of Pleasant Creek, drains S.80°W., stream of good water, 10 links wide, 6 ins. deep, in bottom; ascend 285 ft. along a SE. slope to the corner.
- 69.40 Trail, bears S.80°W. and NE.
- 80.13 Proportionate distance. No trace of the original corner can be found.
- Set an iron post, 3 ft. long, 2 ins. diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the restored corner of sections 2, 3, 10, and 11,

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

with brass cap marked

T15S R5E

S3 S2

S10 S11

1938

Deposit a sandstone rock, 8x6x3 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

From the corner point, the restored corner of sections 1, 6, 7, and 12, on the west boundary of the township, hereinafter described, bears 318.14 chains N.89°34'W.

Land, rough and broken mountain slopes; drainage, W.
Soil, sandy to gravelly loam; 2nd rate.
Timber, spruce, fir, aspen and pine.
Undergrowth, sagebrush and weeds; grass.
Good grazing.

Beginning at the corner of sections 1, 2, 11, and 12.

Thence

S.89°06'W., between sections 2 and 11.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 50 ft. along a SE. slope.

6.50 Spur, projects S.; descend 360 ft. along a SW. slope.

14.20 Draw, drains S.15°W.; ascend along a general SE. slope over a series of small draws and spurs putting S.

39.26 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for the restored $\frac{1}{4}$ section corner, with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 2 \\ S 11 \end{array}$$

1938

Raise a mound of stone, 2 ft. base, 1½ ft. high, north of the post. No suitable tree available for marking.

Continue along a broken SE. slope.

78.52 Proportionate distance. The corner of sections 2, 3, 10, and 11.

Land, rolling mountain slopes; general S. exposure and drainage.

Soil, sandy to gravelly loam; 2nd rate.

Timber, widely scattered fir and spruce.

Undergrowth, sagebrush, oak brush, choke cherry and weeds; grass.

Good grazing.

N.3°14'W., between sections 2 and 3.

Over mountainous land, through widely scattered timber

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 S., R. 5 E.

Chains

and a dense undergrowth; ascend 905 ft. along a SE. slope.

29.80 Spur, projects S.70°W.; descend 405 ft. along a NW. slope.

40.12 Proportionate distance. No trace of the original corner can be found.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for the restored $\frac{1}{4}$ section corner, with brass cap marked

$\frac{1}{4}$
S3|S2
1938

from which

An aspen, 8 ins. diameter, marked $\frac{1}{4}$ S2 BT, bears N.78°00'E., 43 links distant.

A balsam, 16 ins. diameter, marked $\frac{1}{4}$ S3 BT, bears N.44°00'W., 26 links distant.

Descend 975 ft. along a NW. slope.

53.20 North Fork of Pleasant Creek, drains W., stream of good water, 20 links wide, 2 ft. deep, in bottom, ascend 1065 ft. along a SE. slope.

59.00 Spur, projects W.; descend 245 ft. along a N. slope.

85.48 Proportionate distance. The corner of sections 2, 3, 34, and 35, on the north boundary of the township, an iron post, 2 ins. diameter, firmly set in the ground, properly marked and witnessed, as described in the official record.

Land, rough and broken mountain slopes; drainage, W.

Soil, sandy to gravelly loam; 2nd rate.

Timber, aspen, fir and spruce.

Undergrowth, sagebrush, oak brush, choke cherry and weeds; grass.

Good grazing.

REMONUMENTATION OF POINTS OF CONTROL

The point for the corner of townships 14 and 15 south, ranges 4 and 5 east, was identified by adjoining property owners as the intersection of the center lines of lanes running north and south, and east and west, and is in harmony with identified original corners to the east and south.

At the corner point.

Set a sandstone rock, 16x12x9 ins., marked with a cross (X) on the top, 25 ins. in the ground, for the corner of townships 14 and 15 south, ranges 4 and 5 east. No suitable accessories available.

Thence

S.0°46'E., between sections 1 and 6.

40.785 Proportionate distance. No trace of the original corner can be found.

81.57 Proportionate distance. No trace of the original corner can be found.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 15 E., R. 5 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diameter, 34 ins. in the ground, for the restored corner of sections 1, 6, 7, and 12, with brass cap marked

T15S

R4E R5E

S1	S6
----	----

S12	S7
-----	----

1938

Raise a mound of stone, 3 ft. base, 2 ft. high, west of the post.

Thence

S.0°46'E., between sections 7 and 12.

40.785 Proportionate distance. No trace of the original corner can be found.

81.57 The original corner of sections 7, 12, 13, and 18, marked by a sandstone rock, 12x12x6 ins., firmly set in the ground and marked with 2 notches on the north, and 4 notches on the south edges.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diameter, 28 ins. in the ground, for the corner of sections 7, 12, 13, and 18, with brass cap marked

T15S

R4E R5E

S12	S7
-----	----

S13	S18
-----	-----

1938

from which

A juniper, 6 ins. diameter, marked BT, only, bears S.37°45'W., 91 links distant.

Deposit the original corner stone alongside the iron post.

The original corner of sections 17, 18, 19, and 20, T. 15 S., R. 5 E., marked by a limestone rock, 18x12x6 ins., firmly set in the ground, and in a mound of stone, and marked with 3 notches on the south, and 5 notches on the east edges.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 17, 18, 19, and 20, with brass cap marked

T15S R5E

S18	S17
-----	-----

S19	S20
-----	-----

1938

Deposit the original corner stone alongside the iron post. No suitable trees available for marking.

GENERAL DESCRIPTION

The land in the part of the township under resurvey is located along the top, and along the west breaks of the ridge forming the divide between San Pete and Castle valleys. In the south the land is along this divide, and consists of a rolling mountain top, while in the north are the steep slopes bordering the tributaries of Pleasant Creek. None of the land is suitable for cultivation.

The soil is a deep, dark colored mountain loam. It is of excellent character, but contains considerable gravel and rock, and may be classed as second rate.

A good growth of timber was found throughout the area. On the tops of the ridges this occurs in scattered clumps, and on the slopes as a heavy stand. The timber consists of spruce, fir, pine, Douglas fir, aspen and mahogany. The timber is valuable for lumber, and for its water retaining qualities.

There is a medium dense to dense growth of undergrowth over the entire area. Sagebrush, mahogany, bitter brush, choke cherry, service berry, weeds and grass are the most important. The undergrowth affords good to excellent grazing for cattle and sheep. In places along the top areas of overgrazing by sheep were noted.

The land is exceptionally well watered, living streams being encountered in all sections. The major streams are the tributaries of Pleasant Creek in the northern part.

No settlers are located in the area, and there appears to be no land suitable for settlement, the chief possibility of the land will be in its use for grazing.

No commercial deposits of any mineral were noted.

No magnetic declination taken on account of a defective needle.

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Merlin W. Brough	Principal Assistant
Robert Elliott, Jr.,	Chainman
Clark Bird	Chainman
Herbert Harrison	Chainman
Bernard Roberts	Flagman
Wals Rust	Flagman
George Snook	Flagman
Agnes Kirkpatrick	Cornerman
Ed Gardner	Cornerman
Ray Bunker	Cornerman
Donald Ashby	Cornerman
Max Muir	Axeman
George Trayner, Jr.,	Axeman
Robert B. Holmes	Axeman
Wm B. Morton	Axeman
John Gorder	Axeman
Arthur E. Eggertsen	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR

Ralph Gentry, Cadastral Engineer, Robert C. Yundt, Surveyor,
Wilson McConkie, and Kenneth Vincent, HEREBY CERTIFY upon honor that
 Public Land Surveyors,
 pursuant of special instructions bearing date of the 28th day of August, 1937,
 received from the district cadastral engineer for Utah, with assignment
September 10, 1937,
 instructions dated September 15, 1937, ~~we have resurveyed the east~~
June 13, 1938,
boundary, and the east two ranges of the subdivision of T. 15 S., R.

of the Salt Lake Meridian, in the State of Utah, which
 represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction; and that a
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 13, 1940, Salt Lake City, Ralph Gentry Cadastral Engineer,
Feb. 15, 1940 " " " Wilson McConkie Public Land Surveyor
Sept. 18, 1939 " " " Kenneth C. Vincent, Public Land Surveyor
May 13, 1940 " " " Robert C. Yundt, Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colo. FEB 18 1944, 1944

The foregoing field notes of the ~~survey~~ resurvey of the east boundary, and the
east two ranges of the subdivision of T. 15 S., R. 5 E., of the Salt
Lake Meridian, Utah,

Ralph Gentry, Cadastral Engineer, Robert C. Yundt, Surveyor,
 executed by **Wilson McConkie, and Kenneth Vincent, Public Land Surveyors,**
 under special instructions dated August 28, 1937, and assignment
September 10 and 15th, 1937,
 instructions dated and June 13, 1938, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

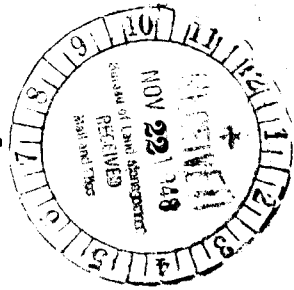

 U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
 _____, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT



FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE BOUNDARIES OF SECTION 31 AND THE
ESTABLISHMENT UNDERGROUND, THE EAST BOUNDARY OF SAID SECTION
IN THE SOUTH ENTRY AIR COURSE AND THE FIRST WEST HAULAGE ENTRY
OF THE KING COAL MINE, U.S. FUEL COMPANY, IN T. 15 S., R. 8 E.

Of the Salt Lake Meridian,
the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer

and

George W. Johnson, Cadastral Engineer

Supplemental
der special instructions dated July 17, 1946, which provided
the surveys included under Group No. 312, Utah, bearing the approval of the
Commissioner of the General Land Office under date of July 29, 1946
assignment instructions dated April 17, 1947.

Survey commenced June 2, 1947.

Survey completed August 1, 1947.

INDEX DIAGRAM.

Township 15 South, Range 8 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30 7	29	28	27	26	25
4 31 2	6 32	33	34	35	36

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Survey of mine, page 8.

Boundaries of sec. 31, surveyed by Elliot Bird.

Mine survey surveyed conjointly by Elliot Bird and George W. Johnson.

T. 15 S., R. 8 E.

The following field notes are those of a dependent resurvey of the boundaries of sec. 31, T. 15 S., R. 8 E., Salt Lake Meridian, Utah, and the marking underground of the east boundary of said section in the South Entry Air Course and the First West Haulage Entry of the King Coal Mine, belonging to the U.S. Fuel Company. The authority for this is contained in General Land Office letter 2101508 "E", dated July 8, 1946, based upon the application of the Director, Geological Survey.

The N., E., and W. boundaries of sec. 31, T. 15 S., R. 8 E., were surveyed by James C. Dick, Deputy Surveyor, in 1900. The third standard parallel south, through R. 8 E., forms the south boundary of the section and was surveyed by A.D. Ferron, Deputy Surveyor, in 1873 and was resurveyed by James C. Dick in 1900. The standard cor. of secs. 31 and 32, was remonumented with a two inch regulation iron survey post, by Elliot Bird in 1930 during his resurvey of a portion of the standard parallel, under group 234, Utah. All of the corners of the boundaries of sec. 31 were found in place and were remonumented in their original positions. Check surveys were made of all the underground surveys. The retracement data are thoroughly verified and the true line field notes are given herein.

This survey was commenced June 2, 1947 and executed with Buff and Buff solar transit No. 26592, used by Elliot Bird and George W. Johnson, Cadastral Engineers. On June 6, 1947, the survey was suspended on account of weather conditions and resumed on July 25, 1947. The instrument has a Smith solar attachment and a full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other, which read to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle. The instrument was approved for use on this survey by the regional cadastral engineer for Region No. 4, in assignment instructions dated April 17, 1947.

The bearings of the lines of the survey were determined by deflection angles from true meridians determined by observations made upon Polaris during the progress of the work. The lines were carried forward by transit lines, by taking the mean of direct and reversed sights at each instrument station. A degree of accuracy was maintained in this work to make it conform to that of a mineral survey.

The measurements of the surface surveys were made with a Lallie steel tape 5 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The underground surveys were made with a Lallie steel tape 200 ft. in length, graduated in tenths for the first foot and thereafter in feet. The tapes were tested, comparison being made with a Lufkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle at each interval determined with the transit, and the slope measurements properly reduced to true horizontal distances which appear in this record.

The data accompanying the special instructions for this survey, gives the approximate geographical position of the southeast corner of sec. 31, as being in latitude $39^{\circ}28'$ N., and longitude $111^{\circ}06'$ W. The magnetic declination at this point was found to be $16^{\circ}15'$ E.

DEPENDENT RESURVEY PORTION 3RD STANDARD PARALLEL SOUTH, R. 8 E.

Chains Reestablishment of surveys executed by A. DesFerron,
Deputy Surveyor, in 1873, and resurveyed
by James C. Dick, Deputy Surveyor in 1900.

The standard cor. of secs. 31 and 32, T. 15 S., R. 8 E.,
is marked by an iron post, 3 ft. long, 2 ins. diam.,
firmly set, marked and witnessed as described in the
official record of the resurvey of a portion third standard
parallel south through R. 8 E., under group 234, Utah.
From this cor., the closing cor. of secs. 5 and 6, T. 16 S.
R. 8 E., bears S. 89°51' E., 4.32 chs. dist.

Thence, from the standard cor. of secs. 31 and 32.

West, on a dependent resurvey line, along the S. bdy. of
sec. 31, T. 15 S., R. 8 E.

Descend 20 ft. along S. slope of high mountainous land,
through medium dense timber and undergrowth.

4.30 Small stream of good water in draw, flows SE.; ascend
240 ft. over E. slope.

8.40 From this point, the S. end of an old log cabin, bears
North, 40 lks. dist.

23.50 Top of E. rim of wide nearly level plateau known as Gentry
Mountain, bears NW. and SE.; thence over nearly level top
of mountain.

39.97 The standard $\frac{1}{4}$ sec. cor. of sec. 31, marked by a sand-
stone, 18 x 12 x 6 ins., firmly set, marked S $\frac{1}{4}$ C on N.
face, and witnessed by a small mound of stone to the N.
of the cor. monument.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and a small flat mound of stone, with brass cap
marked

SC
 $\frac{1}{4}$ S31 ✓

1947

from which

A spruce, 6 ins. diam., bears N. 31°30' E., 201 lks.
dist., marked SC $\frac{1}{4}$ S31 BT. ✓

No other bearing tree available.

Bury the stone cor. monument alongside the iron post,
and raise a mound of stone, 4 ft. base, 2 ft. high, to
the N. of same.

Cor. set on nearly level top of mountain.

N. 89°51' W., beginning new measurement.

Continue over nearly level top of mountain.

1.70 Descend 60 ft. over SW. slope to head of ravine.

8.00 Large wide ravine, drains SE.; ascend 60 ft. to W. rim of
ravine.

14.60 Top of W. rim of ravine, bears NW. and SE.; thence over
nearly level top of Gentry Mountain.

DEPENDENT RESURVEY PORTION 3RD STANDARD PARALLEL SOUTH, R. 8 E.

Chains

21.00 Leave timber, bears NW. and SE.

36.00 Dim road, bears N. and S.

38.83 The cor. set for the standard cor. of Ts. 15 S., Rs. 7 and 8 E.; marked by a limestone, 14 x 14 x 3 ins., firmly set, marked 15S R8 on E. face and 6 notches on all 4 edges. The original bearing trees to cor. were dead and rotted.

At the cor. point, and point for the standard cor. of Ts. 15 and 16 S., R. 8 E.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

	SC
	T15S
T15S	R8E
	S31
S36	
	S6
R7E	T16S

1947

from which

A balsam, 10 ins. diam., bears N. 72° E., 43 lks. dist., marked T15S R8E S31 SC BT.

A balsam, 6 ins. diam., bears S. 61°45' E., 34 lks. dist., marked T16S R8E S6 SC BT.

Bury the stone cor. monument alongside the iron post.

From this cor., the closing standard cor. of Ts. 15 and 16 S., R. 7 E., bears South, 12.60 chs. dist. Cor. is marked by a limestone, 12 x 8 x 3 ins., firmly set, marked CC 7E on W. face, SC 15S on N. face, and 16S on S. face, with 6 grooves on N., S., and W. faces, from which

An aspen, 18 ins. diam., bears S. 26°15' W., 22 lks. dist., marked T16S S1 R7E BT.

An aspen, 10 ins. diam., bears N. 20°30' W., 32 lks. dist., marked T15S S36 R7E BT.

At the cor. point.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

	T15S	
	R7E	T16S
	S36	
CC		S6
	S1	
	T16S	R8E

1947

Bury the stone cor. monument along side the iron post.

Land, general top of Gentry Mountain.

Soil, gravel and rock.

Timber patches of aspen, pine, fir, and spruce.

DEPENDENT RESURVEY PORTION WEST BOUNDARY. T. 15 S., R. 8 E.

Chains

Reestablishment of surveys executed by
James C. Dick, Deputy Surveyor, in 1900.

From the standard cor. of Ts. 15 and 16 S., R. 8 E.

North, along the W. bdy. of sec. 31, T. 15 S., R. 8 E.

Over nearly level top of Gentry Mountain, through dense aspen, spruce, fir, and pine timber, and short undergrowth.

27.37 The $\frac{1}{4}$ sec. cor. for E. bdy. sec. 36, T. 15 S., R. 7 E., marked by a limestone, 10 x 6 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face and witnessed by a small mound of stone to the W. Note; no official record of this cor. monument could be found.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

$\frac{1}{4}$ S36

1947

from which

An aspen, 6 ins. diam., bears S. 52°30' W., 97 lks. dist., marked $\frac{1}{4}$ S36 BT.

An aspen, 8 ins. diam., bears N. 77°30' W., 87 lks. dist., marked $\frac{1}{4}$ S36 BT.

Bury the stone cor. monument alongside the iron post. Cor. set at the NE. edge of timber bearing NW. and SE.

39.99 The $\frac{1}{4}$ sec. cor. for W. bdy. sec. 31, T. 15 S., R. 8 E., marked by a limestone, 10 x 8 x 8 ins., firmly set, marked $\frac{1}{4}$ on E. face and unwitnessed. The original bearing trees to cor. were dead and rotted.

At the cor. point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

$\frac{1}{4}$ S31

1947

from which

A balsam, 12 ins. diam., bears N. 32°45' E., 208 lks. dist., marked $\frac{1}{4}$ S31 BT.

No other suitable bearing tree available.

Bury the stone cor. monument alongside the iron post.

Cor. set at the SE. edge of small aspen timber, bears SW. and NE,

North, beginning new measurement.

Continue over nearly level top of Gentry Mountain.

3.00 Begin gradual descent of 70 ft. over NW. slope through dense timber.

DEPENDENT RESURVEY PORTION WEST BOUNDARY. T. 15 S., R. 8 E.

Chains

17.80 Head of hollow known as Jacks Hole, drains S. 80° W.; leave nearly all timber and ascend 80 ft. over SW. slope to the closing cor.

27.35 The closing cor. of secs. 25 and 36, T. 15 S., R. 7 E., marked by a limestone, 12 x 8 x 6 ins., firmly set in the ground and mound of stone, marked CC on W. face, 5 grooves on N. face and 1 groove on S. face, from which

An aspen, 6 ins. diam., bears S. 60°30' W., 86 lks. dist., marked T15S R7E S36 BT.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

T15S	T15S
S25	
CC	R8E
S36	
R7E	S31

1947

Bury the stone cor. monument alongside the iron post.

Cor. set at the top of ascent from hollow, bears NW. and SE.; thence over open rolling top of Gentry Mountain.

39.70 Barbed wire drift fence, bears N. 74°45' E. and S. 74°45' W.

39.98 The cor. of secs. 30 and 31, T. 15 S., R. 8 E., marked by a limestone, 12 x 12 x 12 ins., firmly set in a mound of stone, marked 5 notches on N. edge and 1 notch on S. edge.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and a large flat mound of stone, with brass cap marked

T15S	T15S
R7E	S30
S25	S31
	R8E

1947

from which

A balsam, 10 ins. diam., bears N. 25°30' E., 153 lks. dist., marked T15S R8E S30 BT.

An aspen, 6 ins. diam., bears S. 38°15' E., 183 lks. dist., marked T15S R8E S31 BT.

Bury the stone cor. monument alongside the iron post.

Land, rolling and nearly level top of Gentry Mountain. Soil, gravel and rock.

Timber, patches of aspen, pine, fir, and spruce; undergrowth of sagebrush.

DEPENDENT RESURVEY PORTION SUBDIVISION. T. 15 S. R. 8 E.

Chains

Reestablishment of surveys executed by
James C. Dick, Deputy Surveyor, in 1900.

From the standard cor. of secs. 31 and 32, on the S. bdy.
of the township.

N. $0^{\circ}16'$ E., bet. secs. 31 and 32.

Ascend 90 ft. over open SW. slope of high mountainous land,
through medium dense short undergrowth.

5.00 Top of high divide ridge, bears N. 70° W. and S. 70° E.;
descend 720 ft. over steep NE. slope through very dense
timber.

18.50 Head of ravine, drains NE.; ascend 200 ft. over SE. slope.

37.50 Spur, slopes NE.; descend 90 ft. over N. slope to the $\frac{1}{4}$
sec. cor.

39.68 The $\frac{1}{4}$ sec. cor. of secs. 31 and 32, marked by a sandstone,
16 x 10 x 4 ins., firmly set in the ground and a large
mound of stone, marked $\frac{1}{4}$ on W. face. No trace of the orig-
inal bearing tree could be found.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground and a large flat mound of stone, with brass cap
marked

$\frac{1}{4}$

S31 | S32

1947

from which

A spruce, 8 ins. diam., bears N. $86^{\circ}45'$ E., 37 lks.
dist., marked $\frac{1}{4}$ S32 BT.

A balsam, 4 ins. diam., bears N. $81^{\circ}45'$ W., 45 lks.
dist., marked BT.

Bury the stone cor. monument alongside the iron post.

N. $0^{\circ}02'$ E., beginning new measurement.

Descend 480 ft. over steep NE. slope through very dense
timber.

20.70 Bottom of Canyon, drains E.; ascend 760 ft. over E. and
SE: slopes to the sec. cor.

35.60 Top of sandstone ledge, 40 ft. high, faces SE. and bears
NE. and SW.; continue ascent.

40.14 The cor. of secs. 29, 30, 31, and 32, marked by a sand-
stone, 18 x 12 x 6 ins., firmly set, marked 1 notch on S.
edge and 5 notches on E. edge. Cor. is not witnessed.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground and a large flat mound of stone, with brass cap
marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 15 S., R. 8 E.

Chains

T15S	R8E
S30	S29

S31	S32
-----	-----

1947

from which

A lone balsam, 16 ins. diam., bears S. $20^{\circ}30'$ E., 54 lks. dist., marked T15S R8E S32 BT.

Bury the stone cor. monument alongside the iron post.

From this cor., U.S. Fuel Company survey station 9580, in cross beam at the west portal to air course of King Coal Mine, bears S. $54^{\circ}34'$ E., 39.824 chs. dist.

Land, very rough and mountainous with a general easterly exposure and drainage.
Soil, gravel and rock with lime and sand stone outcroppings.
Timber, dense aspen, pine, fir, and spruce; undergrowth of sagebrush, browse, and dwarf timber.

N. $89^{\circ}37'$ W., bet. secs. 30 and 31.

Ascend 80 ft. over E. slope of broken mountainous land, through patches of timber and short undergrowth.

2.10 Spur, slopes abruptly to the S.; thence along S. slope.

14.10 Head of gulch, drains S.; ascend 320 ft. over abrupt open SE. slope.

28.40 Top of abrupt ascent, bears NE. and SW.; ascend 80 ft. over gradual S. slope to the $\frac{1}{4}$ sec. cor.

33.50 Enter dense timber, bears NE. and SW.

40.05 The $\frac{1}{4}$ sec. cor. of secs. 30 and 31, marked by the original cor. monument, the stump of a dead aspen, 8 ins. diam., marked $\frac{1}{4}$ S30 on N. face and S31 on S. face, from which

An aspen, 24 ins. diam., bears N. 24° W., 6 lks. dist., marked $\frac{1}{4}$ S30 BT.

No trace of the bearing tree in sec. 31 could be found.

At the cor. point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and a small mound of stone, with brass cap marked

S30
$\frac{1}{4}$
S31

1947

from which

A spruce, 14 ins. diam., bears S. $5^{\circ}15'$ W., 34 lks. dist., marked $\frac{1}{4}$ S31 BT.

West, beginning new measurement.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 15 S., R. 8 E.

Chains	
	Ascend 140 ft. over SE. slope through dense timber.
15.60	Leave timber and enter rolling top of Gentry Mountain, bears NE. and SW.; ascend 90 ft. over gradual E. slope of top of mountain.
28.30	Dim road, bears N. and S.
37.80	Barbed wire drift fence, bears N. $74^{\circ}45'$ E. and S. $74^{\circ}45'$
38.93	The cor. of secs. 30 and 31, on W. bdy. of the township.

Land, high and mountainous:

Soil, gravel and rock with a very rocky surface.

Timber, aspen, pine, fir, and spruce, on central portion of mile; undergrowth of sagebrush and browse.

July 27, 1947: Stationed at the cor. of secs. 30 and 31, in approximate latitude $39^{\circ}29'$ N., and longitude $111^{\circ}07'$ W., at 10h 23.3m a.m. correct 105th meridian standard time, I make an hour angle observation upon Polaris west of the meridian, making six observations, reading the horizontal deflection angle from a flag pole about 40 chs. to the S., in a clockwise direction to the star.

Local mean time of observation..... 9h 58.8m a.m.

Mean horizontal deflection angle..... $178^{\circ}48'30''$

Azimuth of Polaris..... $1^{\circ}11'30''$ W.

True bearing to flag pole..... South.

OF

SURVEY OF A PORTION, KING COAL MINE OF THE U.S. FUEL CO.

T. 15 S., R. 8 E.

In this survey, U.S. Fuel Company survey station 9580, a spad at the entrance to the west portal to air course of mine, is used as zero coordinate. From this station the cor. of secs. 29, 30, 31, and 32, T. 15 S., R. 8 E.; bears N. $54^{\circ}34'$ W., 2628.38 ft. (39.824 chs.) dist., therefore, the coordinate of the $\frac{1}{4}$ -sec. cor. of secs. 31 and 32 is 1125.41 ft. (17.052 chs.) south, and 2143.12 ft. (32.471 chs.) west, and the coordinate of the standard cor. of sec. 31 and 32, is 3744.25 ft. (56.731 chs.) south and 2155.30 ft. (32.656 chs.) west.

July 30, 1947: Stationed at a point about 5.00 chs. to the N. of station 9580, in approximate latitude $39^{\circ}29'$ N., longitude $111^{\circ}05'$ W., at 8h 2.1m p.m. correct 105th meridian standard time, I make an hour angle observation on Polaris east of the meridian, making 6 observations, three each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a point on a ledge about 40 chains to the N., in an easterly direction to the star.

Local mean time of observation..... 7h 37.8m p.m.

Mean horizontal deflection angle..... $0^{\circ}44'$

Azimuth of Polaris..... $0^{\circ}44'$ E.

True bearing to reference point..... North.

I deflect an angle of $11^{\circ}58'$ to the E. of the true meridian and note that station 9580 bears S. $11^{\circ}58'$ W., and from this meridian the bearings of the underground surveys were determined.

Unless otherwise noted, all stations in this survey were spads numbered and established as survey stations by the engineers of the U.S. Fuel Company during the progress of their survey of the mine.

OF
SURVEY OF A PORTION, KING COAL MINE OF THE U.S. FUEL CO.,
T. 15 S., R. 8 E.

Station 9580 to 7198	S. 22°42' W., 160.77 ft. (2,436 chs.) to Middle Entry Air Course
7198 to 7156	S. 26°37' W., 77.70 ft. (1.177 chs.) to South Entry Air Course; thence through the South Entry Air Course.
7156 to B.L.M.	S. 43°41' W., 116.04 ft. (1.758 chs.) Station B.L.M. is a spad with said letters marked on same.
B.L.M. to 7093	S. 69°10' W., 119.28 ft. (1.807 chs.)
7093 to 2554	S. 79°08' W., 377.72 ft. (5.723 chs.)
2554 to 7486	S. 79°13' W., 464.33 ft. (7.035 chs.)
7486 to 7000	S. 78°50' W., 210.26 ft. (3.186 chs.)
7000 to 7051	S. 67°55' W., 122.40 ft. (1.855 chs.)
7051 to 7024	S. 45°42' W., 195.20 ft. (1.594 chs.) to connection with Nineteenth North Entry. At 95.00 ft. is generator to the left.
7024 to B.L.M.	S. 26°58' W., 177.34 ft. (2.687 chs.) to main haulage of Nineteenth North Entry. B.L.M. is spad with said letters marked on same.
B.L.M. to 9553	S. 24°52' W., 542.64 ft. (8.222 chs.)
9553 to 654	S. 24°54' W., 335.34 ft. (5.081 chs.) to main haulage of Second West Raise.
654 to E3	S. 27°28' W., 157.68 ft. (2.389 chs.)
E3 to 7316	S. 23°49' W., 344.35 ft. (5.217 chs.) At 282.78 ft. (4.284 chs.) on this course, intersect the line bet. secs. 31 and 32, T. 15 S., R. 8 E., N. 0°16' E., 1729.65 ft. (26.207 chs.) dist. from the standard cor. of secs. 31 and 32, or S. 0°16' W., 889.22 ft. (13.417 chs.) dist. from the 1/4 sec. cor. of secs. 31 and 32.
At point of intersection:	
Set an iron post, 12 ins. long, 1 in. diam., 12 ins. in a hole drilled in the rock roof of mine, with brass cap marked	
T15S R8E	
S31 S32	
1947	

SURVEY OF A PORTION OF KING COAL MINE, OF THE U.S. FUEL CO

T. 15 S., R. 8 E.

Station 7316 to 527	S. 24°58' W., 587.13 ft. (8.896 chs.)
527 to E4	S. 26°50' W., 215.80 ft. (3.27 chs.) to First West Haulage Entry; thence through First West Haulage Entry.
E4 to E5	S. 50°14' E., 350.35 ft. (5.308 chs.)
E5 to Post	N. 86°14' E., 96.46 ft. (1.462 chs.)

At end of course intersect the line bet. secs. 31 and 32, N. 0°16' E., 729.75 ft. (11.057 chs.) dist. from the standard cor. of secs. 31 and 32.

At point of intersection:

Set an iron post, 13 ins. long, 12 ins. in a hole drilled in the N. rib of entry, with brass cap marked

T15S R8E.

S31 | S32

1947

The roof of the entry at the point of intersection with the sec. line, is about 12 ft. high and covered with timbers, making it impossible to set the iron post in the roof of the mine.

GENERAL DESCRIPTION OF SECTION 31, T. 15 S., R. 8 E.

The land within the boundaries of sec. 31, T. 15 S., R. 8 E., Salt Lake Meridian, Utah, consists of the east breaks and the rolling top of Gentry Mountain. The lowest part of the east boundary of the section is at an elevation of about 8250 ft. above sea level while the west boundary of the section is about 9730 ft. above sea level. The west and southwest part of the section is rolling and forms the top of Gentry Mountain. The top of the mountain breaks off abruptly to the east and is very rough and broken. The timber on this part of the section consists of a dense growth of aspen, pine, fir, and spruce, while that on the top of the mountain consists of patches of dense scrub aspen and spruce. A medium dense undergrowth of sagebrush, browse, weeds, grass, and dwarf timber was found, which affords excellent grazing for stock.

The soil throughout most portions of the section is shallow gravel and clay, which has a very rocky surface.

The only permanent water found was a small stream which heads in the SE $\frac{1}{4}$ and flows southeasterly. An underground pipe line which carries water from a spring known as Pine Spring, located in the west part of sec. 30, bears in a southeasterly direction through the northeast part of the section, to the town of Hiawatha. The exact location of this pipe line could not be determined.

At the time of this survey, the top of the Gentry Mountain in the west part of the section, could be reached by small auto trucks over a very steep and rough road which bears northwesterly from the Morland portal of the King Coal Mine, located in the SW $\frac{1}{4}$ sec. 9, T. 16 S., R. 8 E.

Extensive underground workings of the King Coal Mine of

GENERAL DESCRIPTION OF SECTION 31, T. 15 S., R. 8 E.

the U.S. Fuel Company, are found throughout the east half of the section, but no surface workings of this mine were found within the boundaries of the section. From the cor. of secs. 29, 30, 31, and 32, the west portal to the air course of this mine, bears S. $54^{\circ}34'$ E., 39.824 chs. dist. From the same corner, the town of Hiawatha, Utah, bears East, $2\frac{1}{4}$ miles dist.

The section is within the boundaries of the Manti National Forest and the surface is being used as a summer grazing range for stock under the supervision of the Forest Service.

No surface indications of coal, oil shale, oil, or other minerals were found.

the U.S. Steel Company, and found that the
of the section, but no surface within a distance
found within the boundaries of the section, as
of acres 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833

[illegible]

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF SURVEYOR

Elliot Bird, and
 We, George W. Johnson, Cadastral Engineers, HEREBY CERTIFY upon honor that, in
 pursuance of ^{supplemental} special instructions bearing date of the 17th day of July, 1946
 received from the ~~district~~ ^{regional} cadastral engineer for Region IV, with assignment
 instructions dated April 17, 1947, ^{We} have ~~surveyed~~ ^{independently resurveyed} the
~~boundaries of sec. 31 and the establishment underground,~~ ^{of} the east bound-
 of said section in the South Entry Air Course and the First West Haul
 Entry of the King Coal Mine, U.S. Fuel Company, in T. 15 S., R. 8 E.
 of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction, and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
Salt Lake City, Utah.
February 17, 1948

Elliot Bird Cadastral Engineer
George W. Johnson Cadastral Engineer

CERTIFICATE OF APPROVAL

Bureau of Land Management
 Office of Supervision of Surveys,
 Washington, D.C. MAY 6 1949

The foregoing field notes of the survey of ~~dependent resurvey of the boundaries of~~
~~sec. 31 and the establishment underground,~~ ^{of} the east boundary of said
~~section in the South Entry Air Course and the First West Haulage Entry~~
~~of the King Coal Mine, U.S. Fuel Company in T. 15 S., R. 8 E.~~
 executed by Elliot Bird and George W. Johnson, Cadastral Engineers
^{supplemental} under special instructions dated July 17, 1946, and assignment
 instructions dated April 17, 1947, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Earl G. Harrington
 Chief, Division of Engineering ^{Supervisor of Surveys}

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in _____
 _____, is a true copy of the original field notes on file in the public survey office.

~~Supervisor of Surveys~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
Bureau of Land Management



FIELD NOTES

OF THE DEPENDENT RESURVEY OF THE

THIRD STANDARD PARALLEL SOUTH, THROUGH RANGE 9 EAST OR SOUTH BOUNDARY,

CASTLE VALLEY GUIDE MERIDIAN OR EAST BOUNDARY,

SECOND GUIDE MERIDIAN EAST OR WEST BOUNDARY,

NORTH BOUNDARY

AND THE

SUBDIVISIONAL LINES OF

TOWNSHIP 15 SOUTH, RANGE 9 EAST

Of the SALT LAKE Meridian,

the State of UTAH

EXECUTED BY

J. C. CLARK, SURVEYOR

der special instructions dated DECEMBER 15, 1938, which provided

the surveys included under Group No. 296, bearing the approval of the

Commissioner of the General Land Office under date of FEBRUARY 8, 1939

and assignment instructions dated MAY 9, 1940.

Survey commenced MAY 20, 1940.

Survey completed JULY 27, 1940.

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TOWNSHIP 15 SOUTH, RANGE 9 EAST

Survey commenced May 20, 1940, and executed by J. C. Clark, Surveyor, with a W. and L. E. Gurley solar transit, serial No. 38118. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed apposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer for district No. 6, in assignment instructions dated May 9, 1940, conditional upon satisfactory field tests. I also examined all the instrumental adjustments and corrected all errors before commencing the dependent resurvey of this township.

The directions of the lines were determined by the solar transit method. The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tape was tested by comparison with a Lufkin standard and found correct. All measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment; and the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions give the approximate geographic position for the SE. cor. of the township, as follows: latitude $39^{\circ} 28' N.$, and longitude $110^{\circ} 51' W.$

The observed general average magnetic declination is $16^{\circ} 08'$ east, which gives the magnetic bearing of the true meridian, $N. 16^{\circ} 08' W.$

May 21, 1940, in camp in the NE. $\frac{1}{4}$ of sec. 29, T. 15 S., R. 9 E., at 3h 50.0m a. m., l. m. t., or 4h 13.8m a. m. by my watch, which reads correct 105th meridian time as determined by radio signals, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a nail at the mean point on a peg driven firmly in the ground 10 chains N.

After sunrise, I lay off the azimuth of Polaris, $1^{\circ} 19' 30''$, and make a meridian mark on a second peg, 23.12 lks. (15.26 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

May 21 and July 28, 1940, the instrument was tested on the meridian just described above, every 30 minutes during the hours suitable for solar work, and it was ascertained that the solar attachment determined positions for meridians that agreed within $1' 30''$ of the Polaris meridian.

The Third Standard Parallel or S. boundary and the N., E. and W. boundaries and the meridional section lines of the township were checked by time hour angle observations upon Polaris; latitude and declination were determined at noon whenever practicable, and the instrument was tested frequently and kept in adjustment during the progress of the survey of this township.

Before reconstructing or restoring the corners on the dependent resurveys, the lines of the original surveys were retraced, and search was made for evidence of the original corners and accessories. After the corners were identified or restored, their positions were remonumented and witnessed.

The rules of proportionate measurement were followed in order to locate the position of each lost corner, after completing the retracements to connect with the identified original corners. After the reestablishment of all corners the true lines were blazed through the timber.

The retracement data were submitted to the Public Survey Office for examination and verification at the conclusion of the field work. Therefore, the true line notes, which refer only to the completed dependent resurvey, are given in this book.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 EAST

Chains

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH
THROUGH RANGE 9 EAST, AS ORIGINALLY SURVEYED IN 1873 AND
RESURVEYED IN 1880 BY A. D. FERRON, U. S. DEPUTY SURVEYOR

Commence at the standard cor. of Ts. 15 S., Rs. 9 and 10 E., which is a sandstone, 8x8x6 ins. above ground, firmly set and surrounded by a small mound of stone, and marked with 6 notches on each of the N., E. and W. edges and S C on S. face, but no other accessories.

This standard township corner stands on the S. bank of a wash, where its establishment is unsafe, due to the bank gradually eroding away.

N. 89° 56' W., on a true line on a dependent resurvey with the reestablishment of the third standard parallel south, along the S. bdy. of sec. 36, T. 15 S., R. 9 E.

Over nearly level bottom of swale, through medium dense undergrowth.

0.25 Wash, 15 lks. wide, 5 ft. deep, drains from SW. to N. 80° E.

1.40 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness standard cor. of Tps. 15 S., Rs. 9 and 10 E., with brass cap marked

SC	
T15S	
R9E	R10E
S36	S31 WC
1940	

of stone, 2½ ft. base, 1½ ft. high, N. of cor. raise a mound

14.90 State highway No. 10, paved, bears N. 18° 15' E. to Price, Utah, and S. 18° 15' W. to Huntington, Utah.

15.82 Telephone line parallels state highway from Price to Huntington.

18.20 Leave nearly level bottom of swale, 40 ft. above standard Tp. cor.; begin more abrupt ascent of 135 ft., over general E. slope.

27.90 E. edge of bench, bears N. about 1 ch. dist., thence westerly and S. approximately 2 chs. dist., thence southeasterly; over level top to

37.40 W. edge of bench, bears N. about 5 chs. dist., thence N. 60° W. and S. approximately 1 ch. dist., thence SE.; descend 55 ft. to standard ¼ sec. cor., over general SW. slope.

40.30 Intersect the original standard ¼ sec. cor., which is a sandstone, 16x10x4 ins., marked ¼ on N. face, firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard ¼ sec. cor., with brass cap marked

SC
¼ S36

1940

of stone, 4 ft. base, 2½ ft. high, W. of cor. raise a mound

Thence,

S. 39° 52' W., with continuous measurement.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 EAST

Chains	
45.30	Base of descent, 45 ft. below standard $\frac{1}{4}$ sec. cor., bears NW. and SE.; over nearly level land to standard cor. of secs. 35 and 36.
62.00	Wagon road, bears NW. and SE.
78.39	Intersect the original closing cor. of secs. 1 and 2, T. 16 S., R. 9 E., as described in the official record of the dependent resurvey of T. 16 S., R. 9 E., as executed by me under Group No. 296, Utah.
80.35	Intersect the original standard cor. of secs. 35 and 36, which is a sandstone, 11x7x4 ins., marked with 1 notch on E., 5 notches on W., and 6 notches on N. edges, and S C on S. face, and loosely set 4 ins. in the ground and surrounded by a small mound of stone, but no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a sandstone, 9x6x5 ins., marked X, deposited at the base, for standard cor. of secs. 35 and 36, with brass cap marked
	<div style="text-align: center;"> S C T15SR9E S35 S36 1940 </div>
	No other suitable accessories are available.
	Land, nearly level and gently rolling, and abrupt slopes of bench; sandstone formation; drainage SE.
	Soil, red sand and red sandy clay, 2nd rate.
	Undergrowth, shadscale, salt brush, greasewood, bud sage, and white sage.
	Grazing, fair growth of gramma and bunch grass.
	No timber.
	S. 89° 51' W., along the S. bdy. of sec. 35.
	Over nearly level land, through medium dense short undergrowth.
2.90	Wash, 15 lks. wide, 4 ft. deep, drains SE.
15.00	Wagon road, bears NW. and SE.
40.28	Intersect the original standard $\frac{1}{4}$ sec. cor., which is a sandstone, 12x8x4 ins., marked $\frac{1}{4}$ on N. face, and loosely set 4 ins. in the ground, but not witnessed.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> SC $\frac{1}{4}$ S35 1940 </div>
	No other suitable accessories are available.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL, RANGE 9

Chains	Thence,	anledO
	N. 89° 59' W., with continuous measurement.	05.54
49.90	Wash, 10 lks. wide, 1 ft. deep, drains SE.	00.50
80.15	Proportionate point: there is no evidence of the original cornerment. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone, 7x6x3 ins., marked X, deposited at the base, for standard cor. of secs: 34 and 35, with brass cap marked SC T1589E 834 835 1940	05.00
	No other suitable accessories are available.	
	Land, nearly level, draining SE.; sandstone formation.	
	Soil, deep red sandy clay, 2nd rate.	
	Undergrowth, shadscale, salt brush, greasewood, bud sage, and white sage.	
	Grazing, fair growth of gramma and bunch grass.	
	No timber.	
	N. 89° 59' W.; along the S. bdy. of sec. 34.	
	Asc. gradually 30 ft., over nearly level land, through medium dense short undergrowth.	
10.10	Wagon road; bears NW. and SE.	
10.40	Wash, 30 lks. wide, 6 ft. deep, drains SE.	
23.10	Leave nearly level land; begin gradual ascent of 45 ft., over NE. slope.	
31.50	Spur, from NW., slopes SE.; desc. 25 ft.	
35.40	Wash, 30 lks. wide, 6 ft. deep, in the bottom of draw, heads NW. about 7 chs. dist., drains SE.; gradual ascent of 10 ft. to standard $\frac{1}{4}$ sec. cor., over NE. slope.	
39.87	Intersect the original standard $\frac{1}{4}$ sec. cor., which is a sandstone, 11x6x3 ins., marked $\frac{1}{4}$ on N. face, firmly set 4 in. in the ground, and witnessed on the N. by a mound of stone, 2 ft. base, 1 ft. high. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked SC T1589E 834 835 1940	00.20
	A cedar, 12 ins. diam., bears N. 81° 00' E., 80 lks. dist., marked $\frac{1}{4}$ S 34 S C B T.	from which

TOPEKA & NEVADA DEPARTMENT SURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 EAST

Chains

ent of cedar, 5 ins. diam., bears N. 29° 40' W., 88
ins. dist., marked $\frac{1}{4}$ S 34 S C B T.

Thence,

S. 89° 55' W., with continuous measurement.

46.30

Top of ascent on S. slope, 100 ft. above standard $\frac{1}{4}$ sec. cor.; desc. 115 ft. to standard cor. of secs. 33 and 34, over SW. slope.

53.00

Base of descent, bears NW. and SE.; over nearly level land to

79.73

Intersect the original standard cor. of secs. 33 and 34, which is a sandstone, 10x10x6 ins., marked with 3 notches on each of the E. and W. edges, and loosely set 4 ins. in the ground, and surrounded by a small mound of stone, but no other accessories, or markings on the cor. legible.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard cor. of secs. 33 and 34, with brass cap marked

SC
T15SR9E
S33|S34

1940

of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

raise a mound

Land, nearly level, rolling, and broken, draining SE.; sandstone formation.

Soil, deep red sand and clay, 3rd and 4th rate.

Timber, sparse to scattering cedar.

Undergrowth, scattering to medium dense shadscale, salt brush, greasewood, and bud sage.

Grazing, scattering to fair growth of gramma and bunch grass.

West, along the S. bdy. of sec. 33.

Over rolling and broken land, through scattering undergrowth; desc. gradual SW. slope 10 ft. to

1.00

E. bank of wash, 15 ft. high, bears NW. and SE.; wash in bottom of swale, draining SE.

2.40

W. bank of the wash, 15 ft. high, bears NW. and SE.; asc. NE. slope 50 ft.

10.30

Top of knoll, bears NW. approximately 15 chs. dist. and SE. about 10 chs. dist.; desc. gradual SW. slope 45 ft.

19.70

Wash, 80 lks. wide, 15 ft. deep, in the bottom of swale, drains SE.; asc. gradually 55 ft. to standard $\frac{1}{4}$ sec. cor., over NE. slope.

40.88

Intersect the original standard $\frac{1}{4}$ sec. cor., which is a sandstone, 11x9x8 ins., marked $\frac{1}{4}$ on N. face, and firmly set 4 ins. in the ground, and surrounded by a small mound of stone, but no other accessories.

At point for cor.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 E

Chains

811260

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC

 $\frac{1}{4}$ S33

1940

raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.

Thence,

N. $89^{\circ} 40'$ W., with continuous measurement.

54.20 Base of abrupt ascent, 55 ft. above standard $\frac{1}{4}$ sec. cor., bears NW. and SE.; asc. rough and broken NE. slope 420 ft., through patches of scattering timber.

76.10 E. edge of bench, bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; asc. gradually 5 ft., over nearly level top to

81.61 Intersect the original standard cor. of secs. 32 and 33, which is a sandstone, $14 \times 10 \times 5$ ins., marked with 4 notches on E. and 2 notches on W. edges, and firmly set 6 ins. in the ground, and surrounded by small mound of stone, and from which

A pinon pine, 14 ins. diam., bears N. $43^{\circ} 15'$ E., 43 lks. dist., marked T 15 S R 9 E S.33 S C B T.

A pinon pine, 9 ins. diam., bears N. $31^{\circ} 15'$ W., 48 lks. dist., marked T 15 S R 9 E S.32 S C B T.

No other markings on the stone cor. are legible, and the bearing tree in sec. 33 is partly dead.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, $4\frac{1}{2}$ ft. base, 2 ft. high, for standard cor. of secs. 32 and 33, with brass cap marked

SC

T15SR9E

S32|S33

1940

from which

A pinon pine, 12 ins. diam., bears N. $44^{\circ} 15'$ E., 219 lks. dist., marked T 15 S R 9 E S.33 S C B T.

Land, rolling, and broken by deep washes, draining SE.; yellow and light colored sandstone formation.

Soil, deep red sand and light colored and blue clay, 4th rate.

Timber, cedar and pinon pine.

Undergrowth, scattering to medium dense shadscale, salt brush, grease-wood, and white sage.

Grazing, poor to fair growth of gramma and bunch grass.

N. $89^{\circ} 36'$ W., along the S. bdy. of sec. 32.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 EAST

Chains	
	Over nearly level top of bench, through heavy timber and scattering undergrowth.
5.50	W. edge of bench, 10 ft. above standard cor. of secs. 32 and 33, bears NW. and SE.; leave timber, bears NW. and SE.; desc. abrupt, rough, and broken SW. slope 400 ft. to
23.90	Base of steep descent, bears NW. and SE.; over level land to
40.15	Proportionate point; there is no evidence of the original cor.monument. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone, 6x4x2 ins., marked X, deposited at base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> SC $\frac{1}{4}$ S32 <hr/> 1940 </div>
	No other suitable accessories are available.
	From this cor., continue over level land.
42.20	E. bank of wash, 25 ft. high, bears NW. and SE.; wash in bottom of swale, draining SE.
43.30	W. bank of wash, 25 ft. high, bears NW. and SE.; begin gradual ascent of 35 ft., over gentle NE. slope.
66.60	Begin steep ascent of 210 ft., over rough and broken NE. slope to standard cor. of secs. 31 and 32.
66.80	Enter scattering timber.
80.30	Intersect the original standard cor. of secs. 31 and 32, which is a sandstone, 18x10x9 ins., marked with 6 notches on N., 5 notches on E., and 1 notch on W. edges, and loosely set 8 ins. in the ground, and from which <div style="margin-left: 40px;"> A cedar, 14 ins. diam., bears S. 72° 00' E., 48 lks. dist., marked T 16 S R 9 E S 5 B T. A cedar, 14 ins. diam., bears S. 45° 45' W., 17 lks. dist., marked T 16 S R 9 E S 6 B T. A pinon pine, 9 ins. diam., bears N. 44° 15' W., 60 lks. dist., marked T 15 S R 9 E S 31 S C B T. </div>
	No other markings on the stone cor. are legible, and the bearing tree in sec. 31 is partly dead. I deface the markings on the bearing trees S. of the third standard parallel.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for standard cor. of secs. 31 and 32, with brass cap marked
	<div style="text-align: center;"> SC T15SR9E S31 S32 <hr/> 1940 </div>
	from which
	<div style="margin-left: 40px;"> A pinon pine, 7 ins. diam., bears N. 66° 21' E., 52 lks. dist., marked T 15 S R 9 E S 32 S C B T. </div>
	<div style="margin-left: 40px;"> A pinon pine, 10 ins. diam., bears N. 81° 15' W., 111 lks. dist., marked T 15 S R 9 E S 31 S C B T. </div>

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SURVEY RANGE 9

Chains	<p>Land, level, and abrupt, rough, and broken, draining SW; sandstone and shale formation.</p> <p>Soil, red sand, red sandy clay and blue clay, 4th rate.</p> <p>Timber, cedar and pinon pine.</p> <p>Undergrowth, scattering to medium dense short shrubscale, salt brush, greasewood, white sage, and bud sage.</p> <p>Grazing, poor to good growth of gramma grass.</p>	enladO
16.40	<p>S. 89° 38' W., along the S. bdy. of sec. 31.</p> <p>Asc. abrupt, rough, and broken NE. slope 335 ft., through scattering timber and undergrowth.</p> <p>E. edge of bench, bears NW. and SE.; enter heavy timber, bears NW. and SE.; asc. gradually 70 ft. to standard $\frac{1}{4}$ sec. cor., over nearly level and gently rolling top.</p>	02.2
39.87	<p>Intersect the original standard $\frac{1}{4}$ sec. cor., which is a sandstone, 20x12x9 ins., marked $\frac{1}{4}$ on N. face, loosely set 8 ins. in the ground and in a small mound of stone, and from which</p> <p>A pinon pine, 9 ins. diam., bears N. 6° 30' E., 24 lks. dist., marked $\frac{1}{4}$ S 31 S C B T.</p> <p>The bearing tree in sec. 6 is dead and lying on top of the ground.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 4 ft. base, 2 ft. high, for standard $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">SC $\frac{1}{4}$ S 31</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">from which</p> <p>A pinon pine, 8 ins. diam., bears N. 54° 45' W., 41 lks. dist., marked $\frac{1}{4}$ S 31 S C B T.</p> <p>Thence,</p> <p>N. 89° 01' W., with continuous measurement.</p>	01.24
65.10	<p>Leave heavy timber, bears NW. and SE., and enter scattering timber.</p>	
77.10	<p>Draw, 10 ft. below standard $\frac{1}{4}$ sec. cor., drains SE.; asc. gradual NE. slope 10 ft. to</p>	
80.51	<p>Intersect the original standard cor. of Tps. 15 and 16 S., Rs. 8 and 9 E., which is a sandstone, 16x10x5 ins., marked with 6 notches on each of the E. and W. edges and 6 grooves and S C on N. face, firmly set 10 ins. in the ground and in a small mound of stone, and from which</p> <p>A cedar stump, 12 ins. diam., bears N. 43° 30' E., 24 lks. dist.</p> <p>A cedar stump, 6 ins. diam., bears S. 45° 30' E., 78 lks. dist.</p>	

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH, RANGE 9 EAST

Chains

A cedar stump, 12 ins. diam., bears S. 35° 00' W., 66 lks. dist.

A cedar stump, 12 ins. diam., bears S. 84° 15' W., 77 lks. dist.

Nearly all of the markings on the remains of the bearing trees are not legible.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 14 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 4 ft. base, 1½ ft. high, for standard cor. of Tps. 15 and 16 S., Rs. 8 and 9 E., with brass cap marked

SC
TL5S
R8E R9E
S36 S31
S1 S6
TL6S
1940

from which

A pinon pine, 14 ins. diam., bears N. 62° 45' E., 39 lks. dist., marked T 15 S R 9 E S 31 S C B T.

A pinon pine, 6 ins. diam., bears S. 16° 35' E., 41 lks. dist., marked T 16 S R 9 E S 6 S C B T.

A pinon pine, 5 ins. diam., bears S. 15° 25' W., 63 lks. dist., marked T 16 S R 8 E S 1 S C B T.

A pinon pine, 9 ins. diam., bears N. 38° 08' W., 34 lks. dist., marked T 15 S R 8 E S 36 S C B T.

Land, abrupt, rough and broken NE. slope, E. 16.40 chs.; nearly level and gently rolling top of bench, W. 64.11 chs.; sandstone and shale formation; drainage SE.

Soil, rocky red sand, red sandy clay and blue clay, 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, white sagebrush and bud sage.

Grazing, fair growth of bunch and gramma grass.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.
OR CASTLE VALLEY GUIDE MERIDIAN, AS ORIGINALLY SURVEYED BY
A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1880

Commence at the standard cor. of Tps. 15 S., Rs. 9 and 10 E.

N. 0° 12' W., on a true line on a dependent resurvey along the E. bdy. of T. 15 S., R. 9 E., bet. secs. 31 and 36.

Over nearly level bottom of swale, through medium dense undergrowth.

0.10 Wash, 15 lks. wide, 5 ft. deep, drains from S. 80° W. to NE.

5.00 Wagon road, bears E. and W.

10.40 Main wash, 20 lks. wide, 8 ft. deep, drains E.; begin gradual ascent of 85 ft., over SW. slope.

CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains

- 27.00 Wash, 15 lks. wide, 3 ft. deep, drains S. 60° E.
- 32.40 Wagon road, bears NE. and SW.
- 32.80 S. edge of bench, bears N. 70° W. and S. 70° E.; over nearly level or gently rolling top.
- 35.90 Wagon road, bears NW. and SE.
- 40.22 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 14x11x4 ins., marked $\frac{1}{4}$ on W. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, No other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S36 | S31
 1940

raise a mound

of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Thence,

N. 0° 11' W., with continuous measurement.

- 42.90 Wagon road, bears N. 20° E. and S. 20° W.
- 50.60 State highway No. 10, paved, bears N. 28° 15' E. to Price, Utah, and S. 28° 15' W. to Huntington, Utah.
- 52.00 Telephone line from Price to Huntington parallels state highway.
- 60.53 Intersect the original cor. of secs. 25, 30, 31, and 36, which is a sandstone, 18x7x6 ins., marked with 5 notches on N. and 1 notch on S. edges, firmly set 10 ins. in the ground and surrounded by a small mound of stone, No other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 25, 30, 31, and 36, with brass cap marked

T15S
 R9E | R10E
 S25 | S30
 S36 | S31
 1940

raise a mound

of stone, 2 $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, nearly level and gently rolling, draining E.; sandstone formation.

Soil, rocky red sandy clay, 2nd to 4th rate.

Undergrowth, shadscale, yellow top, cotton brush and greasewood.

No timber.

N. 0° 15' W., bet. secs. 25 and 30.

Over rolling top of bench, through dense short undergrowth; gradual

CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains

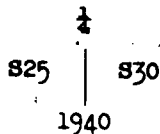
descent of 30 ft. to $\frac{1}{4}$ sec. cor.

22.20

Wash, 20 lks. wide, 1 ft. deep, drains NE.

40.25

Proportionate point. There is no evidence of the original cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap markedof stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

raise a mound

42.40

State highway No. 122, paved, bears N. 74° 30' E. to Price, Utah, and S. 74° 30' W. to Hiawatha, Utah.

42.80

Telephone line from Price to Hiawatha parallels state highway.

67.40

N. edge of bench, 10 ft. below $\frac{1}{4}$ sec. cor., bears E. and W.; desc. general N. slope 70 ft.

70.00

Irrigation ditch, 4 lks. wide, 1 $\frac{1}{2}$ ft. deep, from S. 70° W., drains S. 70° E.

70.40

Four strand barbed wire fence, bears easterly and westerly.

70.50

Wagon road, bears easterly to state highway No. 10 and westerly to Abe Powers' homestead in sec. 25, T. 15 S., R. 9 E.

70.69

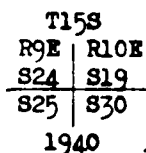
Base of descent, bears E. and W.; over nearly level bottom of hollow.

80.50

Intersect the original cor. of secs. 19, 24, 25, and 30, which is a sandstone, 15x7x6 ins., marked with 4 notches on N. and 2 notches on S. edges, firmly set 10 ins. in the ground and surrounded by a few stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 19, 24, 25, and 30, with brass cap marked



from which

A cottonwood limb, 14 ins. diam., bears N. 3° 25' E., 127 lks. dist., marked T 15 S R 10 E S 19 E T.

No trees are available in secs. 24, 25, and 30, and other accessories are impracticable.

From this cor., Abe Power's log house, 26 $\frac{1}{2}$ x16 $\frac{1}{2}$ ft., bears S. 62° 37' W. 21.85 chs. dist.

Land, nearly level, rolling, and gently rolling, draining easterly; sandstone formation.

Soil, red sand and red sandy clay, 1st to 4th rate.

No timber, except a few large cottonwood along bottom of hollow near end of mile.

Undergrowth, shadscale, yellow top, cotton brush, greasewood and white sage.

CASTLE VALLEY GUIDE MERIDIAN
DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains		enied0
	Grazing, a fair growth of gramma, bunch, and sand grass.	05.55
	N. 0° 08' W., bet. secs. 19 and 24.	
	Over level bottom of hollow, through medium dense undergrowth.	
3.80	Wash, 50 lks. wide, 1 ft. deep, drains E.	
4.10	Four strand barbed wire fence, bears E. and W.	
4.30	Leave level bottom of hollow, bears E. and W.; asc. general S. slope 80 ft.	
9.90	S. edge of bench, bears N. 70° E. and S. 70° W.; over gently rolling top.	
11.30	N. edge of bench, bears NW. and SE.; desc. NE. slope 70 ft.	
15.10	Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, heads N. 60° W. about 12 chs. dist., drains S. 60° E.; asc. SW. slope 75 ft.	
19.40	S. edge of bench, bears NW. and SE.; over gently rolling top.	
24.10	N. edge of bench, bears NW. and SE.; desc. NE. slope 110 ft. to	
34.00	Base of descent, bears NW. and SE.; over level land.	
40.11	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 12x9x8 ins., marked $\frac{1}{4}$ on W. face, firmly set 8 ins. in the ground and surrounded by a few stones, but no other accessories.	
	At point for cor.,	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	<div style="text-align: center;"> $\frac{1}{4}$ S24 S19 1940 </div>	
	No other suitable accessories are available.	
	Continue over level land to	
80.28	Proportionate point. There is no evidence of the original cor. monument.	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, with brass cap marked	
	<div style="text-align: center;"> T153 R9E R10E S13 S18 S24 S19 1940 </div>	
	of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.	
	Land, nearly level, rolling, and gently rolling, draining easterly; sandstone formation.	
	Soil, red sand, red sandy clay, and blue and gray clay, 1st to 4th rate.	

CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains	No timber, except a few cottonwood along bottom of hollow at beginning of mile. Undergrowth, shadscale, greasewood, yellow top, salt brush, and white sage. Grazing, fair growth of gramma grass.
	N. 0° 08' W., bet. secs. 13 and 18. Over nearly level land, through dense short undergrowth.
5.40	S. bank of Miller Creek wash, 7 ft. high, bears N. 70° E. and S. 70° W.
9.40	Miller Creek, clear alkali water, 3 lks. wide, 3 ins. deep, course N. 70° E.
10.00	N. bank of Miller Creek wash, 10 ft. high, bears N. 70° E. and S. 70° W.
15.70	Wagon and timber road, bears easterly to state highway No. 10 and westerly.
40.17	Proportionate point. There is no evidence of the original cor. monument. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone, 5x5x1½ ins., marked X, deposited at the base, for ¼ sec. cor., with brass cap marked <div style="text-align: center;">S13 — 1 — S18 1940</div> No other suitable accessories are available.
46.10	Wash, 15 lks. wide, 6 ft. deep, drains from W. to E.
80.34	Proportionate point. There is no evidence of the original cor. monument. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone, 8 x 6 x 1½ ins., marked X, deposited at the base, for cor. of secs. 7, 12, 13, and 18, with brass cap marked <div style="text-align: center;">T15S R9E R10E S12 S7 S13 S18 1940</div> No other suitable accessories are available.
	Land, nearly level, draining easterly; sandstone formation. Soil, deep red sandy clay and blue and gray clay, 4th rate. Undergrowth, shadscale, greasewood, salt brush, yellow top, and white sage. Grazing, poor to fair growth of gramma grass. No timber.

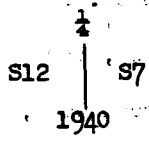
CASTLE VALLEY GUIDE MERIDIAN
DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains

N. 0° 08' W., bet. secs. 7 and 12. Over nearly level and gently rolling land, through medium dense undergrowth; gradual ascent of 20 ft. to

40.17 Proportionate point. There is no evidence of the original cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone, 7x5x2½ ins., marked X, deposited at the base, for ¼ sec. cor., with brass cap marked



No other suitable accessories are available.

Continue over level land to

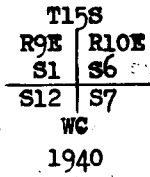
46.90 Wash, 40 lks. wide, 25 ft. deep, drains S. 60° E.; begin gradual ascent of 50 ft., over gentle SW. slope to

80.34 Proportionate point for the cor. of secs. 1, 6, 7, and 12, falls in a wash, 10 lks. wide, 1½ ft. deep, draining S., making the establishment of a cor. monument impracticable and unsafe.

There is no evidence of the original cor. monument. Therefore, from the proportionate point

N. 0° 08' W., 1.00 ch. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 1, 6, 7, and 12, with brass cap marked



of stone, 4 ft. base, 2½ ft. high, W. of cor. raise a mound

Land, nearly level and gently rolling, draining easterly; sandstone formation.

Soil, deep red sandy clay and blue and gray clay, 4th rate.

Undergrowth, shadscale, salt brush, and greasewood.

Grazing, poor to fair growth of gramma and bunch grass.

No timber.

From the proportionate or true point for cor. of secs. 1, 6, 7, and 12, N. 0° 08' W., bet. secs. 1 and 6.

Asc. general SW. slope 195 ft.; through medium dense undergrowth.

1.00 Intersect the witness cor. of secs. 1, 6, 7, and 12, 5 ft. above true point for cor. of said secs.

25.50 Top of chain of knolls or ridge, bears SE. and W.; desc. abruptly 205 ft. to ¼ sec. cor., over general N. slope.

CASTLE VALLEY GUIDE MERIDIAN
DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains

40.17

Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 25x6x3 ins., marked $\frac{1}{4}$ on W. face, firmly set 12 ins. in the ground and surrounded by a small mound of stone. No other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked.

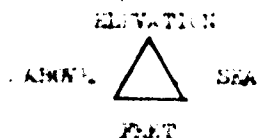
$\frac{1}{4}$
S1 | S6

1940

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

From this cor., U. S. Geological Survey station, Shiner, bears S. 7° 16' E., 15.33 chs. dist.; published latitude 39° 32' 48.90" N., longitude 110° 51' 08.16" W., elevation 5960 ft. The station mark is a cross chiseled on surface rock, with the signal which is a large cairn or a conical mound of stone, 5 $\frac{1}{2}$ ft. base, 6 $\frac{1}{2}$ ft. high, built over the station mark. From the station, a reference mark bears S. 39° 07' E., 15.05 ft. dist., a lead cap or tablet, 3 ins. diam., cemented into a flat sandstone outcropping, 3x1x1 ft. above ground, marked



Thence,

N. 0° 05' E., with continuous measurement.

47.30 wash, 30 lks. wide, 12 ft. deep, in the bottom of swale, 60 ft. below $\frac{1}{4}$ sec. cor., drains N. 70° E.; also broken general S. slope 40 ft. to

50.35 The restored point for cor. of Tps. 14 and 15 S., Rs. 9 and 10 E., which is determined by proportionate measurements from four points of control, as there is no evidence of the original cottonwood post or accessories.

The points of control are the $\frac{1}{4}$ sec. cors. bet. secs. 1 and 36, and 1 and 6 on the N. and E. boundaries of T. 15 S., R. 9 E., and the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 12 on the S. bdy., and cor. of secs. 25, 30, 31, and 36 on the W. bdy. of T. 14 S., R. 10 E.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Tps. 14 and 15 S., Rs. 9 and 10 E., with brass cap marked

T14S
R9E | R10E
336 | 331
31 | 36
T15 S
1940

raise a mound

of stone, 4 ft. base, 2 ft. high, S. of cor.

From this Tp. cor., a control point or the original cor. of secs. 25, 30, 31, and 36, which is a sandstone, 10x8x7 ins. above ground, marked 1 notch on S. and 5 notches on N. edges, firmly set and surrounded by a small mound of stone, but no other accessories, bears N. 0° 05' W. 80.42 chs. dist.; also from this Tp. cor.:

CASTLE VALLEY GUIDE MERIDIAN
DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 9 E.

Chains

A control point on the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the S. bdy. of T. 14 S., R. 10 E., which is a cottonwood post, $2\frac{1}{2}$ ins. square, projecting 1 ft. above ground, faintly marked, firmly set, but not witnessed, bears N. $89^{\circ} 54'$ E. 120.36 chs.

Alongside the original cor. is a wooden post, 3 ins. square, projecting $3\frac{1}{4}$ ft. above ground, firmly set and marked $\frac{1}{4}$ 32 on N. face and 5 on S. face. I am informed that this post was established to preserve the true cor. point by local land owners.

Land, rolling, rough and broken, draining easterly; sandstone formation

Soil, red sandy clay and blue clay, rocky on surface, 3rd to 4th rate.

Undergrowth, salt brush, shadscale, yellow top and greasewood.

Grazing, poor to fair growth of gramma and bunch grass. No timber.

DEPENDENT RESURVEY OF A PORTION OF
THE NORTH BOUNDARY OF T. 15 S., R. 9 E.
AS ORIGINALLY SURVEYED BY
A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1880

Commence at the restored cor. of Tps. 14 and 15 S., Rs. 9 and 10 E.

N. $89^{\circ} 41'$ W., on a true line on a dependent resurvey along the N. bdy. of T. 15 S., R. 9 E., Bet. secs. 1 and 36.

Over rolling and broken land, through medium dense short undergrowth; desc. SW. slope 15 ft.

5.50 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. gradually 85 ft. to $\frac{1}{4}$ sec. cor., along general S. slope.

27.70 Old railroad grade, bears N. 39° E. to Price, Utah, and S. 39° W. about 3 chs. dist., thence westerly to Hiawatha, Utah.

40.23 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x6x6 ins., marked $\frac{1}{4}$ on N. face, firmly set 8 ins. in the ground, and surrounded by a small mound of stone. No other accessories.

At point for cor.

Set an iron post, .3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S36}{S1}$
1940

raise a mound

of stone, $4\frac{1}{2}$ ft. base, 3 ft. high, N. of cor.

This cor. stands at the top of ascent on S. slope.

Thence,

N. $89^{\circ} 44'$ W., with continuous measurement.

Desc. gradually 15 ft., along general S. slope to

78.17 Intersect the original cor. of secs. 1, 2, 35, and 36, which is a sandstone, 22x12x7 ins., marked with 1 notch on E. and 5 notches on W. edges, firmly set 14 ins. in the ground, and witnessed on the N. by a mound of stone, 2 ft. base, 1 ft. high, also SA.08

DEPENDENT SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T. 15 S., R. 9 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T14SR9E

S35|S36

S2|S1

T15 S

1940

raise a mound

of stone, 4½ ft. base, 3 ft. high, N. of cor.

Land, rolling and broken, draining generally E.; sandstone formation.

Soil, red sandy clay and blue clay, 3rd and 4th rate.

Undergrowth, salt brush, shadscale, greasewood, yellow top and white sage.

Grazing, poor to fair growth of gramma, bunch and sand grass.

No timber.

N. 89° 46' W., bet. secs. 2 and 35.

Over rolling and broken land, through medium dense short undergrowth; desc. gradually 15 ft., along general S. slope.

16.60 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; gradual ascent of 140 ft.

37.10 Top of ascent on NE. slope; desc. 15 ft.

39.80 Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains N. 60° E.; asc. SE. slope 5 ft. to

40.30 Intersect the original ¼ sec. cor., which is a sandstone, 22x14x3 ins., marked ¼ on N. face, firmly set 14 ins. in the ground, and witnessed on the N. by a mound of stone, 2 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for ¼ sec. cor., with brass cap marked

¼ S35

S2

1940

from which

A pinon pine, 5 ins. diam., bears N. 18° 05' E., 128 lks. dist., marked ¼ S 35 B T.

A cedar limb, 6 ins. diam., bears S. 23° 30' W., 154 lks. dist., marked ¼ S 2 B.T.

Thence,

N. 89° 18' W., with continuous measurement.

42.20 Spur, 35 ft. above ¼ sec. cor., projects N. 60° E.; desc. NW. slope 30 ft.

53.70 Wash, 30 lks. wide, 5 ft. deep, drains NE.

65.90 Wash, 40 lks. wide, 8 ft. deep, in the bottom of draw, drains N. 60° E.; asc. 475 ft. to sec. cor., over SE. slope.

70.40 Ascent becomes abrupt and rough.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY OF T. 15 S., R. 9 E.

Chains
77.10

Top of nearly perpendicular ledge, 80 ft. high, bears N. and S. 70° E. and enter a medium heavy growth of timber, bears same as top of ledge.

83.34

Intersect the original cor. of secs. 2, 3, 34, and 35, which is a sandstone, 17x12x6 ins., marked with 2 notches on E. and 4 notches on W. edges, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 8 ins. diam., bears N. 25° 05' E., 58 lks. dist., marked T 14 S R 9 E S 35 B T.

A pinon pine, dead, 8 ins. diam., bears S. 36° 50' W., 73 lks. dist., marked T 15 S R 9 E S 3 B T.

A pinon pine limb, 4 ins. diam., bears N. 62° 52' W., 13 lks. dist., marked T 14 S R 9 E S 34 B T.

The bearing tree in sec. 2 is dead and lying on top of ground.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 6 ft. base, 2½ ft. high, for cor. of secs. 2, 3, 34, and 35, with brass cap marked

T14SR9E

S34|S35

S3|S2

T15S

1940

from which

A pinon pine, 3 ins. diam., bears S. 40° 30' W., 57 lks. dist., marked B T.

There are no available trees suitable for marking in sec. 2.

This cor. stands on top of rugged spur, projecting N. 70° E. about 3 chs. dist., then sloping off abruptly.

Land, rolling, rough and broken, draining E.; sandstone formation.

Soil, red sand, and red sandy and varied colored clays, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, salt brush, shadscale, greasewood and yellow top.

Grazing, poor to fair growth of gramma, bunch and sand grass.

DEPENDENT RESURVEY OF A PORTION OF
THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.
AS ORIGINALLY SURVEYED BY
CLARENCE S. JARVIS, U. S. DEPUTY SURVEYOR, IN 1910

Commence at the reestablished cor. of secs. 2, 3, 34, and 35, on the S. bdy. of T. 14 S., R. 9 E.

N. 89° 48' W., on a true line on a dependent resurvey along the S. bdy. of T. 14 S., R. 9 E., on S. bdy. of sec. 34.

Over rough mountainous land, through medium heavy timber and scattering undergrowth; desc. abrupt NW. slope 120 ft.

2.20

Rim of broken and nearly perpendicular ledges, 25 ft. high, bears NE. and SW. about 10 chs. dist., thence westerly.

7.40

Base of descent, bears NE. and NW.; asc. 165 ft.

17.40

Same rim of ledges as noted at 2.20 chs., 25 ft. high, bears N. 80° W. and S. 80° E.

31.80

E. edge of bench, bears NW. and S. 80° E.; gradual descent of 10 ft.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.

- Chains over nearly level top.
- 35.40 W. edge of bench, bears N. 60° W., and S. 60° E.; desc. 35 ft. to $\frac{1}{4}$ sec. cor., over general W. slope.
- 40.71 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting 2 $\frac{1}{2}$ ft. above ground, loosely set, marked for secs. 3 and 34, and from which
- A cedar, 10 ins. diam., bears N. 87° 00' E., 47 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- A pinon pine, 6 ins. diam., bears S. 55° 45' E., 68 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- This $\frac{1}{4}$ sec. cor. now pertains to sec. 34 only, so I deface the markings on the post and bearing tree referring to sec. 3.
- At point for cor.
- Reset the iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 34, with brass cap marked
- $\frac{1}{4}$ S34
- 1940
- There are no other available trees suitable for marking in sec. 34.
- Thence,
- West, with continuous measurement.
- 48.60 Rim of broken and nearly perpendicular ledges, 30 ft. high, bears N., and S. about 5 chs. dist., thence westerly.
- 50.00 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, 125 ft. below $\frac{1}{4}$ sec. cor., drains N.; asc. 105 ft.
- 51.50 Same rim of ledges as noted at 48.60 chs., 30 ft. high, bears N. and S.
- 58.10 Top of ascent on NE. slope; gradual descent of 10 ft.
- 66.20 Wash, 30 lks. wide, 2 ft. deep, in the bottom of draw, drains NE.; asc. 45 ft.
- 69.30 Spur, projects N. 30° E. about 4 chs. dist.; desc. 25 ft.
- 75.00 Wash, 40 lks. wide, 4 ft. deep, in the bottom of draw, drains N. 70° E.; asc. 75 ft. to
- 80.52 Proportionate point for the cor. of secs. 33 and 34 falls on W. bank of a wash, 20 lks. wide, 5 ft. deep, draining SE. The bank is crumbling and breaking away, making the establishment of a cor. monument unsafe and impracticable. No evidence of the original sec. cor.
- Therefore, from the proportionate point
- West, 1.00 chs. dist.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 33 and 34, with brass cap marked

T14SR9E
S33|S34
 S4 WC
 T15SR9E
 1940

from which

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF S. 14 S., R. 2 E.

Chains

A pinon pine, 12 ins. diam., bears N. $24^{\circ} 06'$ E., 95 lks. dist., marked W C T 14 S R 9 E S 33 B T.

A cedar, 12 ins. diam., bears N. $23^{\circ} 05'$ W., 135 lks. dist., marked W C T 14 S R. 9 E S 33 B T.

Land, rough and mountainous, draining easterly; sandstone and shale formation.

Soil, shallow and rocky red sand, 4th rate.

Timber, medium to heavy growth of cedar and pinon pine.

Undergrowth, shadscale, black sagebrush and white sage.

Grazing, poor to fair growth of gramma, bunch and sand grass.

From the proportionate or true point for cor. of secs. 33 and 34, West, along the S. bdy. of sec. 33.

Asc. abrupt and broken SE. slope 165 ft., through scattering timber and undergrowth.

1.00 Intersect the witness cor. of secs. 33 and 34, 10 ft. above the true point for cor. of said secs.

5.90 E. edge of bench, bears N. 80° E. and S. 80° W.; enter heavy timber, bears same as edge of bench; asc. gradually 90 ft. over nearly level top.

38.30 W. edge of bench, bears N. 70° E. and S. 70° W.; leave heavy timber, bears same as edge of bench, and enter scattering; desc. 30 ft. to $\frac{1}{4}$ sec. cor., over broken NW. slope.

39.81 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting 14 ins. above ground, poorly set, marked for secs. 4 and 33, and from which

A pinon pine, 5 ins. diam., bears N. $5^{\circ} 00'$ E., 101 lks. dist., marked $\frac{1}{4}$ S 33 B T.

A pinon pine, 10 ins. diam., bears S. $48^{\circ} 45'$ W., 86 lks. dist., marked $\frac{1}{4}$ S 4 B T.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 33 only, so I deface the markings on the post and bearing tree referring to sec. 4.

at point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 33, with brass cap marked

$\frac{1}{4}$ S33

1940

from which

A pinon pine, 4 ins. diam., bears N. $10^{\circ} 00'$ W., 70 lks. dist., marked $\frac{1}{4}$ S 33 B T.

Thence,

N. $89^{\circ} 56'$ W., with continuous measurement.

79.48 Intersect the original cor. of secs. 32 and 33, which is an iron post

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.

Chains

3 ins. diam., projecting 2 ft. above ground, poorly set, with brass cap marked

T14SR9E

S32 | S33

S5

T15SR9E

1940

from which

A pinon pine, 12 ins. diam., bears N. $46^{\circ} 30'$ E., 59 lks. dist., marked T 14 S R 9 E S 33 B T.

A pinon pine, 9 ins. diam., bears N. $34^{\circ} 45'$ W., 32 lks. dist., marked T 14 S R 9 E S 32 B T.

I construct a mound of stone, 5 ft. base, 2 ft. high, around iron post.

This cor. is located at the base of descent, bearing NE. and NW., 230 ft. below $\frac{1}{4}$ sec. cor.

Land, rough, broken and mountainous, draining northeasterly; sandstone and shale formation.

Soil, shallow and rocky red sand and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush and buck brush.

Grazing, poor to fair growth of gramma and bunch grass.

N. $89^{\circ} 51'$ W., along the S. bdy. of sec. 32.

Asc. rough and broken NE. slope 130 ft., through medium heavy timber and undergrowth.

18.10 Top of ascent, bears N. 30° W. and S. 30° E.; desc. 185 ft. to $\frac{1}{4}$ sec. cor., over general NW. slope.

26.00 Leave timber, bears NE. and SW.

37.80 Enter scattering timber.

39.80 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting $2\frac{1}{2}$ ft. above ground, loosely set, marked for secs. 5 and 32, and from which

A pinon pine limb, dead, 12 ins. diam., bears N. $81^{\circ} 00'$ E., 50 lks. dist., marked $\frac{1}{4}$ S-32 B T.

A cedar, dead, 14 ins. diam., bears S. $61^{\circ} 30'$ W., 30 lks. dist., marked $\frac{1}{4}$ S 5 B T.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 32 only, so I deface the markings on the post and bearing tree referring to sec. 5.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 32, with brass cap marked

$\frac{1}{4}$ S32

1940

from which

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T. 34 N., R. 3 E.

Chains

marked

A pinon pine, 6 ins. diam., bears N. 59° 00' E., 50 lks.
dist., marked $\frac{1}{4}$ S 32 B T.

A pinon pine, 6 ins. diam., bears N. 89° 30' W., 15 lks.
dist., marked $\frac{1}{4}$ S 32 B T.

Thence,

N. 89° 57' W., with continuous measurement.

41.00 Wash, 20 lks. wide, 6 ft. deep, in the bottom of draw, 15 ft. below $\frac{1}{4}$ sec. cor., drains NE.; gradual ascent of 115 ft. to the cor. of secs. 31 and 32, over gentle SE. slope.

47.80 Enter heavy timber, bears NE. and SW.

67.40 Leave timber, bears NE. and SW.

79.68 Intersect the original cor. of secs. 31 and 32, which is an iron post, 3 ins. diam., buried 12 ins. under ground, correctly marked, and from which,

A cedar, dead, 8 ins. diam., bears N. 16° 45' E., 189 lks.
dist., marked T 14 S R 9 E S 32 B T.

A pinon pine, dead, 12 ins. diam., bears N. 64° 08' W., 123 lks.
dist., marked T 14 S R 9 E S 31 B T.

At point for cor.

Reset the iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of secs. 31 and 32, with brass cap marked

T14SR9E

S31 S32

S6

T15SR9E

.1940

from which

A pinon pine, 16 ins. diam., bears N. 6° 15' E., 267 lks.
dist., marked T 14 S R 9 E S 32 B T.

A pinon pine, 10 ins. diam., bears N. 27° 30' W., 81 lks.
dist., marked T 14 S R 9 E S 31 B T.

Land, rolling, broken and mountainous, draining NE.; sandstone, shale and volcanic formation.

Soil, red sand, red sandy clay and varied colored clays, 1st to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush and greasewood.

Grazing, poor to good growth of gramma and bunch grass.

N. 89° 53' W., along the S. bdy. of sec. 31.

Asc. gradual E. slope 290 ft., through medium dense undergrowth.

1.00 Enter scattering patches of timber.

26.00 A mineralized dyke, bears N. 1° 15' E. and S. 1° 15' W., on top of

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.

Chains

ridge, bearing N. and S.; desc. abruptly 260 ft. to $\frac{1}{4}$ sec. cor., over W. slope.

34.80 Enter a medium heavy growth of timber, bears N. and S.

39.54 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting $1\frac{1}{2}$ ft. above ground, loosely set and surrounded by a small mound of stone, marked for secs. 6 and 31, and from which

A pinon pine, 7 ins. diam., bears S. $40^{\circ} 45'$ W., 27 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 10 ins. diam., bears N. $18^{\circ} 30'$ W., 45 lks. dist., marked $\frac{1}{4}$ S 31 B T.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 31 only, so I deface the markings on the post and bearing tree referring to sec. 6.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap marked

$\frac{1}{4}$ S31.

1940.

from which

A pinon pine, 10 ins. diam., bears N. $23^{\circ} 30'$ E., 102 lks. dist., marked $\frac{1}{4}$ S 31 B T.

Thence,

N. $89^{\circ} 59'$ W., with continuous measurement.

45.90 Draw, 65 ft. below $\frac{1}{4}$ sec. cor., drains N. 20° W.; asc. abruptly 340 ft., over N. and NE. slope.

55.20 Electric power line, bears N. $20^{\circ} 30'$ E. to Helper, Utah, and S. $20^{\circ} 30'$ W. to Wattis and Hiawatha, Utah.

74.90 Top of ascent on N. slope; desc. 20 ft. to

76.98 Intersect the original cor. of Tps. 14 and 15 S., Rs. 8 and 9 E., which is a sandstone, $26 \times 7 \times 7$ ins., marked with 6 notches on each of the N., S., E. and W. edges and 14 S on NE., 9 E on SE., 15 S on SW. and 8 E on NW. faces, firmly set 18 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 10 ins. diam., bears N. $8^{\circ} 15'$ E., 35 lks. dist., marked T 14 S R 9 E S 31 B T.

A pinon pine, 9 ins. diam., bears S. $70^{\circ} 30'$ E., 24 lks. dist., marked T 15 S R 9 E S 6 B T.

The cor. is witnessed by no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of Tps. 14 and 15 S., Rs. 8 and 9 E., with brass cap marked

T14S	
R8E	R9E
S36	S31
S1	S6

T15S

1940.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.

Chains

from which

A pinon pine, 16 ins. diam., bears S. 55° 30' W., 86 lks.
dist., marked T 15 S R 8 E S 1 B T.

A pinon pine, 10 ins. diam., bears N. 9° 25' W., 159 lks..
dist., marked T 14 S R 8 E S 36 B T.

Land, rolling, broken and rough mountainous, draining generally NE.;
sandstone, shale, quartzite and volcanic formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush and greasewood.

Grazing, poor to fair growth of bunch and sand grass.

DEPENDENT RESURVEY OF A PORTION OF THE
WEST BOUNDARY OF T. 15 S., R. 9 E., OR SECOND GUIDE MERIDIAN EAST
AS ORIGINALLY SURVEYED BY

A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1880
AND RETRACED BY

J. C. DICK, U. S. DEPUTY SURVEYOR, IN 1900

Commence at the reestablished standard cor. of Tps. 15 and 16 S., Rs.
8 and 9 E.

N. 0° 21' E., on a true line on a dependent resurvey along the W. bdy.
of T. 15 S., R. 9 E., on the W. bdy. of sec. 31.

Over rolling top of bench, through scattering timber and undergrowth;
dec. gradual NE. slope 10 ft.

3.00 Draw, drains SE.; asc. rough SW. slope 105 ft.

4.50 Enter a heavy growth of timber, bears N. 60° W. and S. 60° E.

27.60 N. edge of bench, bears SE. and S. 10° W.; leave timber, bears same
as edge of bench; desc. abruptly 385 ft. to $\frac{1}{4}$ sec. cor., over general
N. slope.

39.50 Enter scattering patches of timber.

40.30 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x14x6
ins., marked $\frac{1}{4}$ on W. face, loosely set 12 ins. in the ground and
surrounded by a small mound of stone, and from which

A cedar, 5 ins. diam., bears S. 15° 35' E., 132 lks.
dist., marked $\frac{1}{4}$ S B T.

The bearing tree in sec. 36 is dead and lying on top of ground.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 31 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,
with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor. of
sec. 31, with brass cap marked.

$\frac{1}{4}$ S31

1940

from which

A pinon pine, 8 ins. diam., bears N. 5° 00' E., 210 lks.

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

dist., marked B T.

The bearing tree is too scrubby to permit the full marking.

To the markings on the original bearing tree in sec. 31, I add the sec. number.

Thence,

N. 0° 15' E., with continuous measurement.

- 54.70 Wash, 20 lks. wide, 10 ft. deep, in the bottom of draw, 40 ft. below 1 sec. cor., drains from SW. to E.; asc. S. slope 20 ft.
- 56.90 Spur, projects E. about 5 chs. dist.; enter a heavy growth of timber, bears E. and W.; desc. 25 ft.
- 59.50 Wash, 40 lks. wide, 8 ft. deep, in the bottom of draw, from W., drains S. 80° E.; asc. S. slope 175 ft.
- 69.60 Leave timber, bears E. and W.
- 72.30 S. edge of bench, bears E. and W.; enter a heavy growth of timber, bears E. and W.; over level top to sec. cor.
- 79.20 Electric power line, bears N. 89° 31' W. to Hiawatha, Utah, and S. 89° 31' E. about 3 chs. dist., thence northeasterly to the Millerton ranch in sec. 28, in this township.
- 79.60 State highway No. 122, paved, from Hiawatha to Price, parallels the power line.
- 79.90 Telephone line from Hiawatha to Price parallels power line and state highway.
- 80.00 Unable to find any evidence of the closing cor. of secs. 25 and 36, T. 15 S., R. 8 E.
- 80.47 Intersect the original cor. of secs. 25, 30, 31, and 36, which is a sandstone, 15x12x12 ins., loosely set 6 ins. in the ground, marked with 1 notch on S. edge and 5 notches on N. edge, and from which

A pinon pine, 12 ins. diam., bears N. 77° 45' E., 43 lks. dist., marked T 15 S R 9 E S 30 B T.

A cedar, 8 ins. diam., bears S. 31° 15' E., 45 lks. dist., marked T 15 S R 9 E S 31 B T.

A pinon pine, 10 ins. diam., bears S. 38° 15' W., 21 lks. dist., marked T 15 S R 8 E S 36 B T.

A pinon pine, dead, 14 ins. diam., bears N. 52° 00' W., 16 lks. dist., marked T 15 S R 8 E S 25 B T.

This cor. pertains to secs. 30 and 31 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 30 and 31, with brass cap marked

T15S	T153
R8E	S30
S25	S31
	R9E

1940

from which

A pinon pine, 6 ins. diam., bears S. 42° 30' E., 26 lks. dist., marked T 15 S R 9 E S 31 B T.

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 W.

Chains

The old bearing tree in sec. 31 is nearly dead; therefore, I destroy the markings on this tree and also on the old bearing trees in sec. 25.

Land, rolling, broken and nearly level, draining generally E.; sandstone formation.

Soil, red sand, red sandy clay and gray clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, greasewood and white sage.

Grazing, poor to fair growth of gramma and bunch grass.

N. 0° 04' W., along the W. bdy. of sec. 30.

Over level top of bench, through heavy timber and scattering undergrowth.

- 6.00 N. edge of bench, bears E. and W.; desc. rough N. slope 35 ft.
- 7.30 Leave timber, bears E. and W.
- 14.20 Wash, 30 lks. wide, 10 ft. deep, in the bottom of draw, drains S. 70° E.; asc. S. slope 15 ft.
- 14.40 Enter heavy timber, bears N. 70° W. and S. 70° E.
- 14.50 Wagon road, bears N. 70° W. and S. 70° E. to the Falsone ranch in the SE₄ of section 30.
- 16.00 Spur, projects E. about 12 chs. dist.; gradual descent of 10 ft.
- 21.30 Wagon road, bears N. 80° E. to the Falsone ranch and W.
- 21.90 Wash, 20 lks. wide, 8 ft. deep, in the bottom of draw, drains E.; asc. S. slope 165 ft.
- 24.80 Leave timber, bears E. and W.
- 32.30 Enter scattering timber.
- 39.00 S. edge of bench, bears E. and W.; enter heavy timber, bears E. and W.; over nearly level top to
- 40.38 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 21x12x5 ins., marked $\frac{1}{4}$ on W. face, loosely set 4 ins. in the ground and surrounded by a small mound of stone, and from which
 - A cedar, 5 ins. diam., bears S. 70° 45' E., 28 lks. dist., marked $\frac{1}{4}$ S B T.
 - A pinon pine, 14 ins. diam., bears S. 44° 45' W., 39 lks. dist., marked $\frac{1}{4}$ S B T.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 30 only. I deface the markings on the bearing tree in sec. 25, and add the number of the sec. to the bearing tree in sec. 30.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 4 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 30, with brass cap marked

$\frac{1}{4}$ S30

1940

from which

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

A cedar, 5 ins. diam., bears N. 51° 00' E., 19 lks.
dist., marked B T.

The bearing tree is too scrubby to permit the full marking.

Thence,

N. 0° 19' E., with continuous measurement.

50.50 N. edge of bench, 20 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. abrupt NE. slope 165 ft. to

60.00 Base of steep descent, bears NW. and SE.; desc. gradual NE. slope 100 ft.

67.80 Leave heavy timber, bears E. and W., and enter scattering.

68.30 Wagon road, bears E. to the Falsone ranch in the SE $\frac{1}{4}$ of sec. 30, and S. 70° W.

75.00 Old railroad grade, bears east about 6 chs. dist., thence southeasterly to Price, Utah, and west to Hiawatha, Utah.

77.80 Miller Creek, muddy water, 10 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 15 ft. deep, in the bottom of hollow, course E. about 6 chs. dist., thence southeasterly; gradual ascent of 10 ft. from N. edge of wash to cor. of secs. 19 and 30, over SE. slope.

79.53 The closing cor. of secs. 24 and 25, T. 15 S., R. 8 E., which is a sandstone, 12x9x4 ins. above ground, marked with 4 notches on N. and 2 notches on S. edges and CC on W. face, and firmly set and surrounded by a small mound of stone, but not witnessed, bears east 13 lks. dist.

80.75 Intersect the original cor. of secs. 19, 24, 25, and 30, which is a sandstone, 11x9x8 ins., marked with 4 notches on N. and 2 notches on S. edges, loosely set 3 ins. in the ground and surrounded by a small mound of stone; no other accessories.

This cor. pertains to secs. 19 and 30 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 19 and 30, with brass cap marked

T15S	T15S
R8E	S19
S24	S30
	R9E
	1940

from which

A pinon pine, 12 ins. diam., bears N. 29° 00' E., 405 lks. dist., marked T 15 S R 9 E S 19 B T.

A cottonwood, 14 ins. diam., bears S. 19° 15' E., 312 lks. dist., marked T 15 S R 9 E S 30 B T.

Land, nearly level, rough and broken, draining easterly; sandstone formation.

Soil, red sand, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine; scattering cottonwood along Miller Creek.

Undergrowth, black sagebrush, shadscale, white sage and salt brush.

Grazing, fair growth of gramma and bunch grass.

SECOND GUIDE MICHIGAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

N. 0° 32' E., along the W. bdy. of sec. 19.

Asc. gradually 85 ft. to $\frac{1}{4}$ sec. cor., along general SW. slope, through medium dense undergrowth.

Enter heavy timber, bears E. and W.

40.40 Leave timber, bears N. 70° W. and S. 70° E.

40.32 Intersect the original $\frac{1}{4}$ sec. cor., which is a limestone, 18x10x5 in. marked $\frac{1}{4}$ on W. face, loosely set 6 ins. in the ground, and from which

A pinon pine limb, 10 ins. diam., bears N. 66° 00' E., 27 lks. dist., marked $\frac{1}{4}$ S B T.

The bearing tree in sec. 24 is dead and lying on top of ground.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 19 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 19, with brass cap marked

$\frac{1}{4}$ S19

1940

from which

A pinon pine limb, 8 ins. diam., bears S. 21° 00' E., 33 lks. dist., marked $\frac{1}{4}$ S 19 B T.

I add the sec. number to the markings on the original bearing tree in sec. 19.

Thence,

N. 0° 16' E., with continuous measurement.

40.30 Top of ascent, 5 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; undergrowth becomes sparse and scattering; desc. gradual NE. slope 10 ft. to

41.20 Top of nearly vertical rim or bluff, 100 ft. high, bears NW. about 10 chs. dist., thence northeasterly, and SE.; desc. abruptly to

42.40 Base of bluff, bears NW. and SE.; desc. more gradually 125 ft.

43.10 Wash, 30 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. steep general SE. slope 275 ft.

43.20 Base of nearly vertical bluff, 30 ft. high, bears NE. and SW.

44.10 Top of the bluff or S. rim of bench, bears NE. about 4 chs. dist., thence northwesterly, and SW.; over nearly level top.

44.30 N. rim of bench, bears NE. and SE.; enter scattering timber; desc. abrupt NE. slope 190 ft. to

45.20 Base of steep descent, bears NW. and SE.; desc. more gradual NE. slope 10 ft.

45.39 The closing cor. of secs. 13 and 24, T. 15 S., R. 9 E., which is a sandstone, 10x8x6 ins. above ground, marked with 3 notches on each of the N. and S. edges and C C on W. face, and firmly set and surrounded by a few stones, but not witnessed, bears west 1 lk. dist.

46.20 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, 5 ft. below closing cor. of secs. 13 and 24, drains E.; asc. S. slope 10 ft. to

46.30 Intersect the original cor. of secs. 13, 18, 19, and 24, which is a sandstone, 24x12x7 ins., marked faintly with 3 notches on each of the N. and S. edges, loosely set 10 ins. in the ground and surrounded by a small mound of stones, and from which

SECOND QUIN MERIDIAN EAST

DEPARTMENTAL RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

A pinon pine, 9 ins. diam., bears N. 70° 08' E., 79 lks.
dist., marked T 15 S R 9 E S 18 B T.

A pinon pine, 10 ins. diam., bears S. 63° 15' E., 66 lks.
dist., marked T 15 S R 9 E S 19 B T.

A pinon pine, dead, 9 ins. diam., bears S. 46° 30' W., 67 lks.
dist., marked T 15 S R 8 E S 24 B T.

A pinon pine, 6 ins. diam., bears N. 53° 00' W., 44 lks.
dist., marked T 15 S R 8 E S 13 B T.

This cor. pertains to secs. 18 and 19 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,
with the original stone deposited at the base, for cor. of secs. 18
and 19, with brass cap marked

T15S	T15S
	S18
S13	S19
R8E	R9E
1940	

I destroy the markings on the bearing trees in sec. 13, R. 8 E.

Land, rough and broken, draining easterly; sandstone and shale forma-
tion.

Soil, shallow and rocky red sandy clay, and blue clay, 3rd and 4th
rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush, greasewood and
white sage.

Grazing, poor to fair growth of gramma grass.

N. 0° 30' E., along the W. bdy. of sec. 18.

Asc. general S. slope 110 ft., through scattering timber and under-
growth.

7.60 Spur, projects E. about 7 chs. dist., thence southeasterly; leave
timber; desc. N. slope 100 ft.

21.30 Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains
N. 80° E.; asc. S. slope 40 ft.

27.40 Spur, projects easterly about 25 chs. dist.; desc. abrupt N. slope
95 ft.

32.90 A main wash, 50 lks. wide, 4 ft. deep, in the bottom of draw, drains
easterly; asc. abrupt SW. slope 155 ft.

39.10 S. edge of bench, bears N. 70° W. and S. 70° E.; over nearly level
top, through dense undergrowth.

39.84 Intersect the original $\frac{1}{2}$ sec. cor., which is a sandstone, 15x9x8 ins.,
marked $\frac{1}{2}$ on W. face, firmly set 10 ins. in the ground and surrounded
by a small mound of stone, and from which

A pinon pine, nearly uprooted, 6 ins. diam., bears S. 45° 30' E.,
145 lks. dist., marked $\frac{1}{2}$ S B T.

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

A pinon pine, 12 ins. diam., bears S. $60^{\circ} 34'$ W., 133 lks.
dist., marked $\frac{1}{4}$ S B T.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 18 only. I deface the markings on the bearing tree in sec. 13.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, $3\frac{1}{2}$ ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 18, marked

$\frac{1}{4}$ S18

1940

from which

A pinon pine, 7 ins. diam., bears N. $24^{\circ} 40'$ E., 148 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

A pinon pine, 5 ins. diam., bears N. $56^{\circ} 15'$ E., 165 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

Thence,

N. $0^{\circ} 06'$ E., with continuous measurement.

52.60 State highway No. 50, graveled, bears N. $77^{\circ} 30'$ W. to Wattis, Utah, and S. $77^{\circ} 30'$ E. to state highway No. 122.

59.80 Enter a medium heavy growth of timber, bears E. and W.

64.20 N. edge of bench, bears N. 70° W. and S. 70° E.; desc. NE. slope 40 ft.

70.30 Wash, 50 lks. wide, 5 ft. deep, in the bottom of draw, drains S. 60° E.; asc. SW. slope 35 ft. to

71.90 S. edge of bench, bears N. 60° W. and S. 60° E.; leave medium heavy growth of timber, bears same as edge of bench, and enter scattering; over level top to cor. of secs. 7 and 18.

77.86 Intersect the closing cor. of secs. 12 and 13, T. 15 S., R. 8 E., which is a sandstone, $14 \times 11 \times 7$ ins. above ground, marked with 2 notches on N. and 4 notches on S. edges and CC on W. face, and firmly set and surrounded by a small mound of stone, but not witnessed.

79.95 Intersect the original cor. of secs. 7, 12, 13, and 18, which is a sandstone, $12 \times 8 \times 7$ ins. above ground, marked with 2 notches on N. and 4 notches on S. edges, firmly set and surrounded by a small mound of stone. There are no other accessories.

This cor. pertains to secs. 7 and 18 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 7 and 18; with brass cap marked

T15S	T15S
R8E	S7
S12	S18
	R9E

1940

from which

A cedar, 10 ins. diam., bears N. $11^{\circ} 30'$ E., 487 lks.
dist., marked T 15 S R 9 E S 7 B T.

A cedar limb, 5 ins. diam., bears S. $32^{\circ} 30'$ E., 501 lks.
dist., marked T 15 S R 9 E S 18 B T.

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

- Land, rolling, rough and broken, and nearly level benches, draining SE.; sandstone formation.
- Soil, shallow and rocky red sandy clay and blue clay, 3rd to 4th rate.
- Timber, cedar and pinon pine.
- Undergrowth, black sagebrush, shadscale, salt brush and yellow top.
- Grazing, fair to good growth of gramma and bunch grass.

DEPENDENT RESURVEY OF A PORTION OF THE
WEST BOUNDARY OF T. 15 S., R. 9 E., OR SECOND GUIDE MERIDIAN EAST
AS ORIGINALLY SURVEYED BY

A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1880
AND RESURVEYED BY

J. C. DICK, U. S. DEPUTY SURVEYOR, IN 1900
AND RETRACED BY

CLARENCE S. JARVIS, U. S. DEPUTY SURVEYOR, IN 1910

Commence at the reestablished cor. of secs. 7 and 18, on the W. bdy. of T. 15 S., R. 9 E.

N. 0° 07' E., along the W. bdy. of sec. 7.

Over nearly level top of bench, through medium dense undergrowth.

11.90 Leave undergrowth, bears E. and W.; S. edge of plowed land, bears E. and W. about 2 chs. dist., thence N.

18.90 N. edge of plowed land, bears E. and W. about 2 chs. dist., thence S.; enter medium dense undergrowth, bears E. and W.

37.40 Wagon road, bears NW. and SE.

39.21 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, only, with brass cap marked

$\frac{1}{4}$ S7

1940

from which

A pinon pine, 12 ins. diam., bears N. 63° 20' E., 232 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 6 ins. diam., bears N. 74° 45' E., 291 lks. dist., marked $\frac{1}{4}$ S 7 B T.

40.29 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 13x13x7 ins. marked $\frac{1}{4}$ on W. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone; no other accessories.

This cor. serves now as an angle point only. I destroy the marking and chisel A P on the stone monument.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for an angle point, with brass cap marked

A P

S12- | S7

1940

from which

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

A pinon pine, 5 ins. diam., bears S. 82° 15' E., 133 lks.
dist., marked A P S 7 B T.

A cedar limb, 6 ins. diam., bears N. 33° 00' W., 95 lks.
dist., marked A P S 12 B T.

Thence,

On same line with continuous measurement.

- 42.50 N. edge of bench, bears NW. and SE.; enter heavy timber, bears same as edge of bench; desc. rough NE. slope 60 ft.
- 44.00 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 65 ft.
- 50.10 S. edge of bench, bears NW. and SE.; asc. 25 ft. over rolling top.
- 55.10 Leave timber, bears NW. and SE., enter dense undergrowth.
- 60.10 N. edge of bench, bears NW. and SE.; desc. broken NE. slope 25 ft.
- 61.50 Enter heavy timber, bears NW. and SE.; undergrowth becomes scattering.
- 65.30 Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.
- 68.30 Spur, projects SE. approximately 20 chs. dist.; desc. 45 ft.
- 71.30 Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 45 ft.
- 74.00 Spur, projects SE. about 8 chs. dist.; desc. 20 ft. to the original cor. of secs. 1, 6, 7, and 12.
- 77.39 The closing cor. of secs. 1 and 12, T. 15 S., R. 8 E., which is a sandstone, 10x9x7 ins. above ground, marked with 1 notch on N. and 5 notches on S. edges and C C on W. face, and witnessed on the W. by a mound of stone, 2 ft. base, 1½ ft. high, bears east 19 lks. dist.
- 80.72 Intersect the original cor. of secs. 1, 6, 7, and 12, which is a sandstone, 13x9x6 ins., marked faintly with 1 notch on N. and 5 notches on S. edges, loosely set 6 ins. in the ground and surrounded by a small mound of stone. There are no other accessories.

I am unable to find W P on the stone cor., as reported in the official record as having been marked during the survey of the line bet. secs. 6 and 7, T. 15 S., R. 9 E.

This cor. now serves only as an angle point; therefore

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for an angle point, with brass cap marked

AP	
T153	
RSE	R9E
S1	S6

1940

from which

A pinon pine, 14 ins. diam., bears S, 32° 45' E., 50 lks.
dist., marked T 15 S R 9 E S 6 A P B T.

A pinon pine, 10 ins. diam., bears S. 66° 30' W., 38 lks.
dist., marked T 15 S R 8 E S 1 A P B T.

A cedar, 7 ins. diam., bears N. 66° 45' W., 42 lks.
dist., marked T 15 S R 8 E S 1 A P B T.

No other available trees in sec. 6 are suitable for marking.

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains

Land, rolling, rough and broken, and nearly level benches, draining SE.; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush and yellow top.

Grazing, poor to fair growth of granma and bunch grass.

From the angle point bet. secs. 1 and 6,

N. 0° 23' E., along the W. bdy. of sec. 6.

Over rolling and broken land, through scattering timber and undergrowth.

0.10 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 70° E.; asc. 35 ft.

1.30 Spur, projects S. 70° E. about 5 chs. dist.; desc. 30 ft.

4.10 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 180 ft.

26.40 Top of ascent or ridge, bears NW. and SE.; desc. gradually 10 ft. to $\frac{1}{4}$ sec. cor., over rolling top.

32.00 Electric power line, bears N. 31° 57' E. to Helper, Utah, and S. 31° 57' W. to Wattis and Hiawatha, Utah.

34.80 A mineralized dyke, bears E. and W.

38.15 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 6, only, with brass cap marked

$\frac{1}{4}$ S 6

1940

from which

A pinon pine, 6 ins. diam., bears N. 54° 25' E., 222 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A pinon pine, 6 ins. diam., bears S. 29° 00' E., 228 lks. dist., marked B T. This tree is too scrubby to permit full marking.

39.99 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 17x15x6 ins., marked $\frac{1}{4}$ on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar, 12 ins. diam., bears S. 72° 38' E., 109 lks. dist., marked $\frac{1}{4}$ S 6 B T.

The bearing tree in sec. 1 is dead and lying on top of the ground.

This cor. serves now as an angle point only. On the stone monument, I destroy the marking $\frac{1}{4}$ and chisel A P.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for an angle point, with brass cap marked

A P.

31 | S 6

1940

SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF T. 15 S., R. 9 E.

Chains	from which
	<p>A pinon pine, 6 ins. diam., bears S. 68° 58' W., 209 lks. dist., marked S 1 A P B T.</p> <p>I remark the original bearing tree in sec. 6 so as to read S 6 A P B T.</p> <p>Thence,</p> <p>On same line with continuous measurement,</p>
51.50	Wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, 30 ft. below angle point, drains N. 70° W.; asc. gradual broken SW. slope 130 ft.
70.90	Top of ascent or ridge, bears N. 20° W. and S. 20° E.; desc. broken general NE. slope 25 ft. to
80.27	Intersect the reestablished cor. of Tps. 14 and 15 S., Rs. 8 and 9 E.
	<p>Land, rolling, rough and broken; sandstone, shale and volcanic formation; drainage SE., S. 26.40 chs.; NE. and NW., N. 53.87 chs.</p> <p>Soil, red sand and varied colored clays, 3rd and 4th rate.</p> <p>Timber, scattering to medium dense cedar and pinon pine.</p> <p>Undergrowth, black sagebrush, shadscale, greasewood and salt brush.</p> <p>Grazing, poor to fair growth of gramma and bunch grass.</p>
<p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF T. 15 S., R. 9 E. AS ORIGINALLY SURVEYED BY A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1880</p> <p>Commence the subdivisional dependent resurvey at the reestablished standard cor. of secs. 35 and 36, on the S. bdy. of the Tp.</p> <p>N. 0° 26' E., bet. secs. 35 and 36.</p> <p>Over nearly level and gently rolling land, through medium dense short undergrowth; asc. gradual SW. slope 155 ft.</p>	
10.00	Wagon road, bears NW. and SE.
15.00	Ascent becomes more abrupt, bearing NW. and SE.
32.50	Top of ascent on W. slope at NW. extremity of bench, which bears N. about 5 chs. dist., thence southeasterly, and S. about 3 chs. dist., thence southeasterly; desc. 40 ft. to $\frac{1}{2}$ sec. cor., over NW. slope.
37.50	Base of descent, bears E. and W.; over gently rolling top of bench.
40.25	Intersect the original $\frac{1}{2}$ sec. cor., which is a sandstone, 18x10x4 ins., marked $\frac{1}{2}$ on W. face, firmly set 12 ins. in the ground and surrounded by a small mound of stone. There are no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{2}$ sec. cor., with brass cap marked
	<p style="text-align: center;"> $\frac{1}{2}$ S35 S36 1940 </p> <p style="text-align: right;">raise a mound</p>
	of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Thence,
	N. 0° 39' W., with continuous measurement.
42.00	Wagon road, bears E. and W.
72.40	Wagon road, bears NW. and SE.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

75.50 Shallow wash, in swale, from SW., drains E., 35 ft. below $\frac{1}{4}$ sec. cor.; over nearly level land to

80.55 Intersect the original cor. of secs. 25, 26, 35, and 36, which is a sandstone, 15x8x4 ins., loosely set 6 ins. in the ground and surrounded by a small mound of stone, marked with one notch on each of the S. and E. edges, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T15SR9E
S26 | S25
S35 | S36
1940

of stone, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

raise a mound

Land, nearly level; rolling and gently rolling; draining easterly and southeasterly; sandstone formation.

Soil, red sandy clay and gray and blue clay, 2nd to 4th rate.

Undergrowth, shadscale, cotton brush, yellow top, white sage, and salt brush.

Grazing, fair growth of gramma grass on bench.

No timber.

From the reestablished cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.,

S. 89° 54' W., bet. secs. 25 and 36.

Over nearly level and gently rolling top of bench, through dense short undergrowth.

39.78 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 13x13x7 ins., marked $\frac{1}{4}$ on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, with no other accessories..

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S25
1 ———
S36
1940

of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

raise a mound

Thence,

N. 89° 56' W., with continuous measurement.

80.20 Intersect the cor. of secs. 25, 26, 35, and 36.

Land, nearly level and gently rolling bench, draining easterly; sandstone formation.

Soil, red sand and red sandy clay, 2nd to 4th rate.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

enlono

Undergrowth, abnadscale, gotten brush, yellow top, greasewood and salt brush.

Grazing, fair growth of gramma grass.

No timber.

N. 0° 19' N., bet secs. 25 and 26.

Over nearly level and gently rolling top of bench, through dense short undergrowth.

20.20 State highway No. 122, paved, bears N. 74° 30' E. to Price, Utah and S. 74° 30' W. to Hiawatha, Utah.

20.60 Telephone line from Price to Hiawatha parallels state highway.

39.90 N. edge of bench, 15 ft. below sec. cor.; bears N. 60° E. and S. 60° W.; desc. 10 ft. to $\frac{1}{4}$ sec. cor., over NE. slope.

60.25 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x12x7 ins., marked $\frac{1}{4}$ on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

326

325

1940

raise a mound

of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Thence,

N. 0° 21' N., with continuous measurement.

45.20 Base of descent, 30 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; over nearly level land to sec. cor.

61.00 Wash, 40 lks. wide, 25 ft. deep, drains N. 80° E.

67.30 Wash, 30 lks. wide, 15 ft. deep, drains easterly.

80.59 Intersect the original cor. of secs. 23, 24, 25, and 26, which is a sandstone, 15x9x6 ins., marked with 2 notches on S. and 1 notch on E. edges, firmly set 8 ins. in the ground, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a sandstone, 5x5x4 ins., marked X, deposited at the base, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T15SR92.

323|324

326|325

1940

Land, nearly level and gently rolling, draining easterly; sandstone formation.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Soil, red sand and red sandy clay, 2nd to 4th rate.

Undergrowth, shadscale, greasewood, salt brush, black sagebrush and yellow top.

Grazing, fair to good growth of gramma grass.

No timber.

From the reestablished cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp.,

N. 89° 55' W., bet. secs. 24 and 25.

Over nearly level bottom of hollow, through dense undergrowth; gradual ascent of 30 ft. to $\frac{1}{4}$ sec. cor., along or nearly parallel to old barbed wire fence.

15.10 Wash, 25 lks. wide, 6 ft. deep, drains from S. 80° W. to N. 80° E.

17.40 Same wash as noted at 15.10 chs., drains S. 80° E.

35.00 Wash, 40 lks. wide, 20 ft. deep, from SW., drains NE. about 1.50 chs. dist. into wash noted at 15.10 chs.

40.38 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 19x10x3 ins., marked $\frac{1}{4}$ on N. face, firmly set 12 ins. in the ground and surrounded by a small mound of stone, with no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S24 \\ \frac{1}{4} \\ S25 \\ 1940 \end{array}$$

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

raise a mound

Thence,

S. 89° 57' W., with continuous measurement.

60.37 Old barbed wire fence, bears N. and S.

64.60 Wagon road, bears N. 60° W. and S. 60° E. to Abe Powers' homestead in the NE $\frac{1}{4}$ of sec. 25, in this township.

80.30 Intersect the cor. of secs. 23, 24, 25, and 26, 45 ft. above $\frac{1}{4}$ sec. cor.

Land, nearly level bottom of hollow, draining E.; sandstone formation.

Soil, deep light colored sandy clay, 2nd and 3rd rate.

Timber, scattering cottonwood along bottom of hollow.

Undergrowth, rabbit brush, yellow top, shadscale, greasewood and black sagebrush.

Grazing, fair to good growth of gramma and bunch grass.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

angle

N. $0^{\circ} 24'$ E., bet. secs. 23 and 24.

Over nearly level land, through dense undergrowth, gradual descent of 10 ft.

3.10 Irrigation ditch, 8 lks. wide, 2 ft. deep, drains E.

3.30 Wash, 30 lks. wide, 4 ft. deep, drains E.

10.20 Wagon road, bears NW. and SE. to Abe Powers' homestead in the NE $\frac{1}{4}$ of sec. 25, in this township.

29.20 Begin more abrupt descent of 15 ft., over NE. slope.

36.50 Base of descent, bears NW. and SW.; asc. gradually 10 ft. to $\frac{1}{4}$ sec. cor., over SW. slope.40.42 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x10x7 ins., marked $\frac{1}{4}$ on W. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, with no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23 | S24

1940

of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. raise a mound

Thence,

N. $0^{\circ} 10'$ E., with continuous measurement.49.00 S. edge of bench, 60 ft. above $\frac{1}{4}$ sec. cor., bears N. 10° W. and S. 10° E.; over nearly level top.48.80 N. edge of bench, bears NW. about 5 chs. dist., thence S. 10° E., and SE.; desc. NE. slope 110 ft.

67.20 S. bank of Miller Creek wash, 8 ft. high, bears SE. and W.

68.10 Miller Creek, clear alkali water, 2 lks. wide, 2 ins. deep, course SE.

71.90 N. bank of Miller Creek wash, 8 ft. high, bears SE. and W.; asc. rolling SW. slope 35 ft. to

80.55 Intersect the original cor. of secs. 13, 14, 23, and 24, which is a sandstone, 14x8x4 ins., marked with 3 notches on S, and 1 notch on E. edges, loosely set 3 ins. in the ground and surrounded by a small mound of stone, with no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

S14/S13

S21/S24

1940

of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

raise a mound

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Land, nearly level, rolling and broken, draining easterly; sandstone formation.

Soil, red sand, sandy clay, and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, black sagebrush, yellow top, greasewood, and salt brush.

Grazing, a fair growth of gramma grass.

No timber.

From the restored cor. of secs. 13, 18, 19, and 24, on E. bdy. of Tp., N. 89° 41' W., bet. secs. 13 and 24.

Over gently rolling land, through medium dense undergrowth; gradual descent of 10 ft.

9.50 E. bank of Miller Creek wash, 7 ft. high, bears N. and SW.

11.50 Miller Creek, clear alkali water, 3 lks. wide, 2 ins. deep, course N. about 3.50 chs. dist., thence easterly.

13.00 W. bank of Miller Creek wash, 5 ft. high, bears N. and SW.

32.40 Wash, 40 lks. wide, 12 ft. deep, from NW., drains S. 60° E.

40.18 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 17x10x6 ins., loosely set 7 ins. in the ground and marked $\frac{1}{4}$ on N. face, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 6x5x2 ins., marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

813
+
824
1940

This cor. is located 40 ft. above Miller Creek.

Thence,

N. 89° 50' W., with continuous measurement.

74.30 Top of knoll, 100 ft. above $\frac{1}{4}$ sec. cor., bears N. 60° W. and S. 60° E.; desc. general SW. slope 35 ft. to

79.70 Intersect the cor. of secs. 13, 14, 23, and 24.

Land, nearly level and gently rolling, draining easterly; sandstone and shale formation.

Soil, red sand, red sandy clay and varied colored clays, 2nd to 4th rate.

Undergrowth, shadscale, salt brush, greasewood, yellow top, black sagebrush and cotton brush.

Grazing, a fair growth of gramma grass.

No timber.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

anladO

N. 0° 14' E., bet. sec. 11 and 14, level virens, fine
 .uolihmroT

Asc. SW. slope 25 ft., through medium dense undergrowth.

1.50 Top of ascent on W. slope of knoll; desc. 20 ft.

3.50 Base of descent, bears NE. and SW.; over nearly level land.

12.00 Old railroad grade, bears N. 30° 30' E. to Price, Utah, and S. 45° W. to Hiawatha, Utah.

28.60 Wagon road, bears NE. and SW.

36.40 Shallow wash, 30 lks. wide, drains easterly.

40.33 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 11x6x6 ins., loosely set 5 ins. in the ground and marked $\frac{1}{4}$ on W. face, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 5x5x4 ins., marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

1940

814 813

1940

This cor. is located 25 ft. below top of ascent on W. slope of knoll.

Thence,

N. 0° 10' E., with continuous measurement.

41.10 Wagon road, bears N. 10° E. and S. 10° W.

74.00 Same wagon road as noted at 41.10 chs., bears NW. and SE.

75.00 Wash, 15 lks. wide, 10 ft. deep, in the bottom of swale, heads S. 60° W. about 8 chs. dist., 15 ft. below $\frac{1}{4}$ sec. cor., drains N. 60° E.; asc. general S. slope 15 ft. to

80.67 Intersect the original cor. of secs. 11, 12, 13, and 14, which is a shale stone, 14x12x2 ins., crumbling away, loosely set 5 ins. in the ground and marked with 4 notches on S. edge and 1 notch on E. edge, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a shale stone, 8x7x1 ins., marked X, deposited at the base, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

1940

811 812
814 813

1940

Land, nearly level and gently rolling, draining easterly; sandstone and shale formation.

Soil, red sandy clay and varied colored clays.

1940

1940

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Undergrowth, shadscale, salt brush, yellow top and greasewood.

Grazing, a fair growth of gramma grass. No timber.

From the restored cor. of secs. 7, 12, 13, and 18, on E. bdy. of Tp.,
N. 89° 13' W., bet. secs. 12 and 13.

Over nearly level land, through medium dense short undergrowth; gradual ascent of 60 ft. to

39.08

Intersect the original $\frac{1}{4}$ sec. cor., which is a flint stone, broken into small pieces and embedded in the ground, with parts of the marking $\frac{1}{4}$ visible on portions of the rock, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the pieces of the original stone and a flint stone, 6x4x2 ins., marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S12
—
S13
1940

No other suitable accessories are available.

Thence,

N. 89° 49' W., with continuous measurement.

67.30

Wagon road, bears N. 20° E. and S. 20° W.

68.70

Old railroad grade, bears N. 5° 30' E. to Price, Utah, and S. 5° 30' W. to Hiawatha, Utah.

74.30

Wash, 20 lks. wide, 5 ft. deep, drains NE.

75.50

Leave nearly level land, bears NW. and SE.; asc. over NE. slope.

78.50

Spur, 105 ft. above $\frac{1}{4}$ sec. cor., slopes SE. about 4 chs. dist.; desc. gradually 10 ft. to

79.18

Intersect the cor. of secs. 11, 12, 13, and 14.

Land, nearly level and gently rolling, draining easterly and north-easterly; sandstone, shale and quartzite formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Undergrowth, shadscale, salt brush, greasewood, yellow top, black sagebrush and cotton brush.

Grazing, a fair growth of gramma grass.

No timber.

N. 0° 14' E., bet. secs. 11 and 12.

Over rolling land, through medium dense undergrowth; asc. general S. slope 10 ft.

1.90

Spur, from SW., projects SE.; desc. 25 ft. to

DEPENDENT RESURVEY OF THE SUBDIVISION OF T2S15 S., R. 9 E.

Chains

Section 2

- 6.90 Base of descent, bears SE. and SW.; over nearly level land.
- 13.20 Wash, 25 lks. wide, 8 ft. deep, drains NE.
- 21.70 Wash, 100 lks. wide, 1 ft. deep, drains E.
- 40.33 Intersect the original $\frac{1}{4}$ sec. cor., which is a shale stone, 12x10x6 ins., marked $\frac{1}{4}$ on W. face, and firmly set 8 ins. in the ground, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 8x6x4 ins., marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S11 | S12

1940

No other suitable accessories are available.

Thence,

N. 0° 04' E., with continuous measurement.

- 69.90 Wagon road, bears NW. and SE.
- 70.30 Wash, 100 lks. wide, 3 ft. deep, drains easterly.
- 80.41 The restored point for the original cor. of secs. 1, 2, 11, and 12, which is determined by proportionate measurements from four points of control, as there is no evidence of the original cor. monument or accessories.

The four points of control are the original $\frac{1}{4}$ sec. cors. of secs. 1 and 2; 1 and 12; 2 and 11; and 11 and 12.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone, 8x5x3 ins., marked X, deposited at the base, for cor. of secs. 1; 2, 11, and 12, with brass cap marked

T15SR9E

S2 | S1

S11 | S12

1940

No other suitable accessories are available.

Land, nearly level and rolling, draining easterly; sandstone and shale formation.

Soil, red sandy clay and gray and blue clays, 3rd and 4th rate.

Undergrowth, shadscale, salt brush, greasewood, black sagebrush, cotton brush and yellow top.

Grazing, a fair growth of gramma grass. No timber.

From the restored true point for the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

N. 89° 38' W., bet. secs. 1 and 12.

Over nearly level land, through medium dense undergrowth.

38.33

Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 12x9x6 ins., marked $\frac{1}{4}$ on N. face and firmly set 8 ins. in the ground, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1

S12

1940

of stone, 3 ft. base, 2 ft. high, N. of cor.

raise a mound

Thence,

N. 89° 17' W., with continuous measurement.

67.80

Old railroad grade, bears N. 1° 20' W. to Price, Utah, and S. 1° 20' E. to Hiawatha, Utah.

78.79

Intersect the restored cor. of secs. 1, 2, 11, and 12, 65 ft. above $\frac{1}{4}$ sec. cor.

Land, nearly level, draining easterly; sandstone and shale formation.

Soil, red sandy clay and blue and gray clays, 3rd and 4th rate.

Undergrowth, shadescale, salt brush, greasewood, yellow top, black sagebrush and cotton brush.

Grazing, a fair growth of gramma grass.

No timber.

From the reestablished cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp.,

S. 0° 08' W., bet. secs. 1 and 2.

Over nearly level and rolling land, through medium dense short undergrowth.

8.20

Wash, 30 lks. wide, 8 ft. deep, drains easterly.

39.94

Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 13x10x7 ins., loosely set 6 ins. in the ground and marked $\frac{1}{4}$ on W. face, with no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 7x5x1 ins., marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S2

S1

1940

DEPENDENT RESERVE OF THE UNITED STATES S. R. 9 E.

antlad

Chains

Thence,

... .. W 58° 28' N

S. 0° 32' W. with continuous measurement of vision rev0

44.00

Over nearly level land to see cor. right and bearing
Wash, 70 lks. wide, 5 ft. deep, drains easterly. sensitive

80.02

Intersect the restored cor. of secs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Land, nearly level and rolling, draining easterly; sandstone and shale formation.

Soil, red sandy clay and gray and blue clays, 3rd and 4th rate.

Undergrowth, shadscale, salt brush, greasewood, black sagebrush, cotton brush and yellow top.

Grazing, a fair growth of gramma grass.

No timber.

From the restored standard cor. of secs. 34 and 35, on the S. bdy. of Tp.,

N. 0° 49' W., bet. secs. 34 and 35.

Over nearly level land, through medium dense short undergrowth; ase. gradual S. slope 10 ft.

17.80

Spur, from NW., projects E. about 6 chs. dist.; gradual descent of 10 ft.

27.40

Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, heads NW. about 5 chs. dist., drains SE.; ase. gradually 25 ft. to $\frac{1}{4}$ sec. cor., over general S. slope.

38.30

Enter scattering timber.

40.21

Intersect the true point for $\frac{1}{4}$ sec. cor., which was determined by me from the original bearing tree in sec. 34, as I am unable to find the stone cor. monument or the original bearing tree in sec. 35.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

834

835

1940

A pinon pine, 14 ins. diam., bears S. 38° 49' W., 16 lks. dist., marked $\frac{1}{4}$ S 35 B T.

A cedar (original tree), 20 ins. diam., bears N. 36° 00' W., 25 lks. dist., marked $\frac{1}{4}$ S 35 B T.

To the markings on the bearing tree in sec. 34, I add the number of the sec.

Thence,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	N. 0° 01' W., with continuous measurement.
46.40	Ridge, 50 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; desc. gradual NE. slope 40 ft. to
56.00	Base of descent, bears E. and W.; over nearly level top of bench.
56.10	Leave scattering timber.
59.60	Wagon road, bears E. and W.
61.40	Wash, 20 lks. wide, 5 ft. deep, drains SE.
78.30	Wagon road, bears NW. and SE.
80.57	Intersect the original cor. of secs. 26, 27, 34, and 35, which is a sandstone, 14x14x6 ins., marked with 1 notch on S. and 2 notches on E. edges, and firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 26, 27, 34, and 35, with brass cap marked
	<div style="text-align: center;"> T15SR9E S27 S26 S34 S35 1940 </div>
	of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound
	Land, nearly level and rolling; sandstone and shale formation; drainage SE., S. 46.40 chs.; remainder of mile drains easterly.
	Soil, red sandy clay and varied colored clays, 3rd and 4th rate.
	Timber, cedar and pinon pine.
	Undergrowth, shadscale, salt brush, white sagebrush, and cotton brush.
	Grazing, fair to good growth of gramma, bunch, and sand grass.
	From the cor. of secs. 25, 26, 35, and 36.
	S. 89° 54' W., bet. secs. 26 and 35.
	Over nearly level and gently rolling top of bench, through dense short undergrowth; gradual ascent of 35 ft. to $\frac{1}{4}$ sec. cor.
5.80	Wagon road, bears NW. and SE.
33.10	Wagon road, bears NW. and SE.
40.30	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x12x8 ins., marked $\frac{1}{4}$ on N. face, and loosely set 4 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains		S26 + S35 1940	raise a mound
			of stone, 3 ft. base, 1½ ft. high, N. of cor.
			Thence,
			N. 89° 59' W., with continuous measurement.
70.30			Wagon road, bears N. 74° E. and S. 74° W.
80.53			Intersect the cor. of secs. 26, 27, 34, and 35, 45 ft. above ¼ sec. cor.
			Land, nearly level and gently rolling top of bench, draining easterly sandstone formation.
			Soil, red sandy clay, 2nd and 3rd rate.
			Undergrowth, shadscale, black sagebrush, yellow top, salt brush, and white sage.
			Grazing, fair to good growth of gramma grass.
			No timber.
			N. 0° 23' E., bet. secs. 26 and 27.
			Over nearly level top of bench, through dense short undergrowth.
0.50			State highway No. 122, paved, bears S. 88° 00' E. to Price, Utah, and N. 88° 00' W. to Hiawatha, Utah.
0.85			Telephone line from Price to Hiawatha parallels state highway.
29.50			N. edge of bench, 10 ft. below sec. cor., bears NW. and SE. about 4 chs. dist., thence northeasterly; desc. 30 ft. to ¼ sec. cor., over NE. slope.
40.21			Intersect the original ¼ sec. cor., which is a sandstone, 12x8x8 ins., marked ¼ on W. face, and firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no other accessories.
			At point for cor.
			Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for ¼ sec. cor., with brass cap marked
		S27 S26 + 1940	raise a mound
			of stone, 3½ ft. base, 2 ft. high, W. of cor.
			Thence,
			N. 0° 30' W., with continuous measurement.
40.60			Wash, 30 lks. wide, 5 ft. deep, in the bottom of swale, 5 ft. below ¼ sec. cor., drains E.; asc. gradual S. slope 15 ft.
45.20			Top of ascent on W. slope of knoll; gradual descent of 20 ft. to sec. cor., over rolling land.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

60.80

Wash, 15 lks. wide, 4 ft. deep, drains NE.

80.64

Intersect the original cor. of secs. 22, 23, 26, and 27, which is a sandstone, 12x8x6 ins., marked with 2 notches on each of the S. and E. edges, and loosely set 4 ins. in the ground, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T15SR9E
 $\frac{S22}{S27} | \frac{S23}{S26}$
 1940

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

raise a mound

Land, nearly level top of bench, S. 29.50 chs.; rolling, remainder of mile; drainage easterly; sandstone formation.

Soil, red sandy clay and varied colored clays, 2nd to 4th rate.

Undergrowth, shadscale, salt brush, yellow top, greasewood, and white sage.

Grazing, poor to fair growth of gramma and bunch grass.

No timber.

From the cor. of secs. 23, 24, 25, and 26.

West, bet. secs. 23 and 26.

Over nearly level land, through dense undergrowth; gradual ascent of 35 ft. to $\frac{1}{4}$ sec. cor.

20.20 Line of fence posts, bears N. and S.; no wire on posts.

40.05 Proportionate point; there is no evidence of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23
 $\frac{1}{4}$
 $\frac{S26}{1940}$

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

raise a mound

56.00 Irrigation ditch, 6 lks. wide, 2 ft. deep, from SW., drains NE.

59.90 Old 4 strand barb wire fence, bears N. and S.

80.10 Intersect the cor. of secs. 22, 23, 26, and 27, 55 ft. above $\frac{1}{4}$ sec. cor.

Land, nearly level, draining easterly; sandstone and blue shale formation.

Soil, red sandy clay and varied colored clays, 2nd to 4th rate.

Undergrowth, shadscale, greasewood, yellow top, salt brush, and black sagebrush.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains		angle
	Grazing, poor to fair growth of gramma grass.	02.02
	No timber.	02.02
	N. 0° 27' E., bet. secs. 22 and 23.	
	Over rolling land, through dense undergrowth; desc. gradually 10 ft. to $\frac{1}{4}$ sec. cor.	
1.20	Irrigation ditch, 6 lks. wide, 2 ft. deep, from W.; drains E.	
8.70	Wagon road, bears E. and W.	
10.50	S. bank of Miller Creek wash, 15 ft. high, bears N. 70° E. and W.; wash, dry, drains N. 70° E.	
11.30	N. bank of Miller Creek wash, 15 ft. high, bears N. 70° E. and W.	
30.60	Old railroad grade, bears east to Price, Utah, and west to Hiawatha, Utah.	
40.33	Intersect the original $\frac{1}{4}$ sec. cor., which is a shale stone, 12x8x6 ins., marked $\frac{1}{4}$ on W. face, and firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.	
	At point for cor.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 8x6x1 $\frac{1}{2}$ ins.; marked X, deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$ \begin{array}{c} \frac{1}{4} \\ \\ \text{S22} \quad \quad \text{S23} \\ \\ 1940 \end{array} $	
	No other suitable accessories are available.	
	Thence,	
	N. 0° 20' E., with continuous measurement.	
55.30	N. edge of rolling land or bench, 10 ft. below $\frac{1}{4}$ sec. cor., bears NW. about 6 chs. dist.; thence southwesterly, and S. 70° E.; desc. broken general N. slope 105 ft.	
69.00	S. bank of wash, 6 ft. high, bears N. 80° E. and W.; wash in bottom of draw, draining from W. to N. 80° E.	
72.90	N. bank of wash, 15 ft. high, bears same as S. bank; asc. rough broken SE. slope 75 ft. to sec. cor.	
74.30	Wagon road, bears N. 80° E. and S. 80° W.	
80.47	Intersect the original cor. of secs. 14, 15, 22, and 23, which is a sandstone, 15x6x5 ins.; marked with 3 notches on S. and 2 notches on E. edges, and loosely set 4 ins. in the ground, but no evidence of accessories.	
	At point for cor.	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 14, 15, 22, and 23, with brass cap marked	

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

T15SR9E

S15|S14

S22|S23

1940

from which

A cedar, 8 ins. diam., bears N. $58^{\circ} 00'$ E., 72 lks.
dist., marked T 15 S R 9 E S 14 B T.

A pinon pine, 10 ins. diam., bears S. $49^{\circ} 15'$ E., 45 lks.
dist., marked T 15 S R 9 E S 23 B T.

A cedar, 3 ins. diam., bears S. $70^{\circ} 25'$ W., 135 lks.
dist., marked B T.

A cedar, 7 ins. diam., bears N. $24^{\circ} 45'$ W., 97 lks.
dist., marked T 15 S R 9 E S 15 B T.

Land, rolling, rough and broken, draining easterly; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Undergrowth, shade-scale, salt brush, greasewood, black sagebrush, yellow top and white sage.

Grazing, fair to good growth of gramma and bunch grass.

Timber, sparse growth of cedar and pinon pine near sec. cor.

From the cor. of secs. 13, 14, 23, and 24,

S. $89^{\circ} 57'$ W., bet. secs. 14 and 23.

Desc. gradual rolling SW. slope 15 ft., through medium dense undergrowth.

8.30 Wagon road, bears NW. and SE.

11.40 Wash, 25 lks. wide, 15 ft. deep, in the bottom of draw, drains SE.; asc. broken NE. slope 50 ft.

15.40 Old railroad grade, bears N. $58^{\circ} 30'$ E. to Price, Utah, and S. $58^{\circ} 30'$ W. to Hiawatha, Utah.

17.50 Top of ascent or low ridge bet. two knolls, bears NW. and SE.; gradual descent of 35 ft. over SW. slope.

36.80 E. or left bank of wash, 25 ft. high, bears NW. and SE.; wash in bottom of hollow, draining from NW. to SE.

39.97 Proportionate or true point for $\frac{1}{4}$ sec. cor. falls in the wash; there is no evidence of the original stone cor. monument.

40.10 E. or left bank of the same wash, 5 ft. high, bears NE. and S. 70° W.; wash drains from S. 70° W. to NE.; gradual ascent of 10 ft. to witness $\frac{1}{4}$ sec. cor., over rolling land, along general S. slope.

46.47 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

S14

 $\frac{1}{4}$ — WC

S23

1940

from which

INDEPENDENT RECOVERY OF THE SUBDIVISION CORNER 15 S., E. 9 E.

ended

Chains

A cedar, 6 ins. diam., bears S. 10° 50' W., 273 lks.
dist., marked W. 1/4 S 23 B T.

There are no available trees suitable for marking in sec. 14; therefore, I raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

51.20

Wash, 70 lks. wide, 10 ft. deep, at the mouth of hollow, from NW., drains SE. about 3 chs. dist. into the wash noted at the true point for 1/4 sec. cor.

55.20

Wagon road, bears N. 70° E. and S. 79° W.

79.94

Intersect the cor. of secs. 14, 15, 22, and 23, 105 ft. above the witness 1/4 sec. cor.

Land, rolling and broken, draining easterly; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, a sparse growth of cedar.

Undergrowth, black sagebrush, shadscale, yellow top, salt brush and greasewood.

Grazing, a fair growth of bunch and gramma grass.

N. 0° 02' W., bet. secs. 14 and 15.

Asc. rough and broken SE. slope 65 ft., through scattering timber and undergrowth.

3.60

S. edge of bench, bears NE. and SE.; enter scattering patches of timber; asc. gradually 10 ft., over gently rolling top.

14.60

N. edge of bench, bears NE. about 6 chs. dist., thence southeasterly, and W.; desc. broken general N. slope 110 ft.

27.80

Wash, 40 lks. wide, 6 ft. deep, in the bottom of hollow, drains SE.; asc. gradually 55 ft. to 1/4 sec. cor., along E. side of draw, draining S. 10° W.

39.76

Intersect the original 1/4 sec. cor., which is a shale stone, 24x18x3 ins., loosely set 10 ins. in the ground and surrounded by a small mound of stone, marked 1/4 on W. face, and from which

A pinon pine, dead, 16 ins. diam., bears N. 21° 08' E., 44 lks.
dist., marked 1/4 S B T.

A pinon pine, 6 ins. diam., bears N. 74° 30' E., 32 lks.
dist., marked 1/4 S B T.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for 1/4 sec. cor., with brass cap marked

1940

from which

A pinon pine, 14 ins. diam., bears N. 76° 08' E., 43 lks.
dist., marked 1/4 S 14 B T.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

To the markings on the bearing tree in sec. 15, I add the number of the sec.

Thence,

N. 0° 39' E., with continuous measurement.

56.90 Head of draw, 25 ft. above $\frac{1}{2}$ sec. cor., drains S. 10° W.; continue ascent of 75 ft., over S. slope.

57.10 S. edge of bench, bears S. 20° E. and W. about 1 ch. dist., thence S. 10° W.; asc. gradually 40 ft. to sec. cor., over rolling top.

61.00 Wagon road, bears NW. and SE.

65.40 Same road, bears NE. and SW.

75.40 Enter dense undergrowth, bears E. and W.; timber becomes more scattering.

78.60 Wagon road, bears NW. and SE.

80.17 Intersect the original cor. of secs. 10, 11, 14, and 15, which is a sandstone, 18x15x5 ins., marked with 4 notches on S. and 2 notches on E. edges, loosely set 6 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 8 ins. diam., bears N. 56° 00' E., 79 lks. dist., marked T 15 S R 9 E S 11 B T.

A cedar, nearly dead, 8 ins. diam., bears S. 84° 45' E., 180 lks. dist., marked T 15 S R 9 E S 14 B T.

A pinon pine, 12 ins. diam., bears N. 52° 15' W., 151 lks. dist., marked T 15 S R 9 E S 10 B T.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T15SR9E

S10|S11

S15|S14

1940

from which

A pinon pine, 8 ins. diam.; bears S. 86° 35' E., 198 lks. dist., marked T 15 S R 9 E S 14 B T.

As no bearing trees are available in sec. 15, I raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

Land, rolling, rough and broken, draining SE.; sandstone and shale formation.

Soil, red sand, red sandy clay, and blue and gray clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, yellow top, greasewood, black sagebrush and white sage.

Grazing, a fair growth of gramma, bunch and sand grass.

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, S. R. 9-E.

Chains		ended 40
	From the cor. of secs. 11, 12, 13, and 14.	
	S. 88° 46' W., bet. secs. 11 and 14.	
	Over rolling land, through medium dense undergrowth; asc. gradually 35 ft., across head of draw, draining S.	
5.80	Spur, from SW projects NE.; gradual descent of 10 ft. over NE slope.	
15.20	Wash, 15 lks. wide, 6 ft. deep, in the bottom of draw, heads SW, about 6 chs. dist., drains NE.; asc. gradually 80 ft., along NE slope.	
38.70	Spur, projects N. 20° W. approximately 6 chs. dist.; desc. SW slope 15 ft. to	
39.48	Intersect the original $\frac{1}{4}$ sec. cor., which is a chain stone, 33x3 ins., firmly set 12 ins. in the ground, marked $\frac{1}{4}$ on N. face, and from which	
	A cedar limb, 9 ins. diam., bears S. 30° 30' W., 12 lks. dist., marked $\frac{1}{4}$ S B T.	
	A cedar limb, 9 ins. diam., bears N. 32° 45' W., 53 lks. dist., marked $\frac{1}{4}$ S B T.	
	At point for cor.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	311	
	314	
	1948	
	To the markings on the bearing trees, I add the number of the sec. in which the tree stands.	
	Thence,	
	N. 89° 38' W., with continuous measurement:	
47.10	Wash, 15 lks. wide, 4 ft. deep, in the bottom of draw, 10 ft. below $\frac{1}{4}$ sec. cor., heads SW, about 3 chs. dist., drains NE.; asc. NE slope 85 ft.	
52.60	Ridge, bet. two benches, bears N. 20° W. and SE.; desc. 30 ft.	
57.40	Wash, 20 lks. wide, 4 ft. deep, heads N. about 10 chs. dist., drains S. 10° E.	
62.00	Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. NE slope 90 ft.	
67.00	Enter scattering timber.	
77.90	E. edge of bench, bears N. 60° W. and S. 60° E., even nearly level top to	
79.76	Intersect the cor. of secs. 10, 11, 14, and 15.	
	Land, rolling and broken, draining NE. and SE.; sandstone and shale formation.	
	Soil, red sandy clay, and blue and gray clay, 3rd and 4th rate.	
	Timber, cedar and pinon pine.	
	Undergrowth, shadscale, greasewood, salt brush, black sagebrush and yellow top.	
	Grazing, a fair growth of gramma, bunch and sand grass.	

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

N. 9° 05' E., bet. secs. 10 and 11.

Over nearly level top of bench, through scattering timber and undergrowth.

1.00 N. edge of bench, bears N. 60° W. and S. 60° E.; desc. NE. slope 45

6.40 Draw, drains SE.; asc. 65 ft.

18.70 Top of ascent, bears E. and W.; desc. N. slope 145 ft.

39.60 Wash, 30 lks. wide, 1 ft. deep, in the bottom of swale, drains E.; over level land to

39.96 Proportionate point; there is no evidence of the original cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S10 | S11

1940

from which

A cedar, 10 ins. diam., bears S. 22° 23' E., 393 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A cedar, 6 ins. diam., bears N. 26° 53' W., 44 lks. dist., marked $\frac{1}{4}$ S 10 B T.

From this cor., asc. gentle S. slope 25 ft.

40.40 Leave timber.

47.80 Base of more abrupt ascent, bears SE. and SW.; asc. general S. slope 90 ft.

50.70 Spur, projects E. about 4 chs. dist., then slopes SE.; desc. general NE. slope 100 ft.

67.20 Wash, 50 lks. wide, 7 ft. deep, in the bottom of draw, drains southeasterly about 20 chs. dist., thence easterly; asc. general S. slope 185 ft.

74.40 Ascent becomes more abrupt.

77.90 Edge of bench or nearly perpendicular rim, 50 ft. high, at SE. extremity, bears E. about 2 chs. dist., thence N., and W. approximately 1 ch. dist., thence NW.; enter a medium heavy growth of timber, bears E. and W.; over nearly level top to

79.92 Intersect the original cor. of secs. 2, 3, 10, and 11, which is a sandstone, 19x11x3 ins., marked with 5 notches on S. and 2 notches on E. edges, and firmly set 5 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 10 ins. diam., bears S. 29° 45' E., 141 lks. dist., marked T 15 S R 9 E S 11 B T.

A cedar, 9 ins. diam., bears S. 32° 00' W., 55 lks. dist., marked T 15 S R 9 E S 10 B T.

A pinon pine, 6 ins. diam., bears N. 26° 00' W., 35 lks. dist., marked T 15 S R 9 E S 3 B T.

A pinon pine, 14 ins. diam., bears N. 2° 30' W., 42 lks. dist., marked T 15 S R 9 E S 3 B T.

2017.01.10

211.894

At point for cor. (distance 1000 ft. from point of view)

T15SR9E

S10	S11
-----	-----

from which

From this cor., the tower on the Price City court house bears
N. 48° 05' E.

Soil, sandy clay and varied colored clays mixed with shale, 4th rate.

Undergrowth, shadscale, salt brush, yellow top, greasewood, black sagebrush and white sage.

Grazing, poor to fair growth of gramma, bunch and sand grass.

S. 89°.27' W., bet. secs. 2 and 11.

13.00

40.32

At point for cor.

2

511

1940.

S. 89° 03' W., with continuous measurement.

Asc. gentle E. slope 70 ft. to 100 ft. high.

71.70

Leave nearly level land, bearing N. and S., begin precipitous ascent of 200 ft., over general E. slope.

..T 8 X 2 2 P X 3 1 T bexlam ..tstb

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

- 79.20 E. edge of nearly perpendicular rim of bench, 50 ft. high, bears N. and S.; enter a medium heavy growth of timber, bears N. and S.; over nearly level top to
- 79.81 Intersect the cor. of secs. 2, 3, 10, and 11.
- Land, nearly level gentle E. slope, and abrupt E. breaks of bench; sandstone and shale formation; drainage easterly.
- Soil, red sandy clay and blue and gray clay, 2nd to 4th rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadescale, salt brush, white sage, yellow top and cotton brush.
- Grazing. a fair growth of gramma grass.
-
- From the reestablished cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp.,
- S. 4° 15' E., bet. secs. 2 and 3.
- Over rough mountainous land, through medium heavy timber and scattering undergrowth; desc. abrupt SE. slope 300 ft.
- 1.50 Top of nearly perpendicular sandstone ledge, 85 ft. high, bears N. 70° E. and S. 70° W.; leave medium heavy timber, bears same as top of ledge, and enter a sparse growth.
- 6.90 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains E.; asc. steep NE. slope 405 ft.
- 12.70 Top of nearly perpendicular sandstone ledge, 50 ft. high, bears N. 70° W. and SE.
- 16.80 Top of nearly perpendicular sandstone ledge, 20 ft. high, bears N. 60° W. and S. 60° E.
- 18.50 N. edge of bench, bears N. 60° W. and S. 60° E.; desc. gradually 15 ft., over nearly level top.
- 20.30 S. edge of bench, bears E. and W.; precipitous descent of 470 ft., over general SW. slope.
- 21.90 Top of nearly perpendicular sandstone ledge, 25 ft. high, bears S. 60° E. and S. 60° W.
- 27.60 Top of nearly perpendicular sandstone ledge, 80 ft. high, bears E. and N. 10° W.
- 33.80 Base of abrupt descent, bears NW. and SE.; leave timber; over gently rolling land.
- 41.00 Wash, 30 lks. wide, 10 ft. deep, drains SE.
- 41.49 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 17x8x7 ins., marked $\frac{1}{4}$ on W. face, and firmly set 12 ins. in the ground and surrounded by a small mound of stone, with no evidence of other accessories.
- This cor. stands near the S. bank of the wash noted at 41.00 chs., and is unsafe on account of the bank gradually eroding away.
- Thence,
- S. 0° 02' E., with continuous measurement.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

REMARKS

Chains

42.49

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

 $\frac{1}{4}$

W.C.

S3

S2

1940

raise a mound

of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

This witness cor. is located 10 ft. below base of abrupt descent.

56.90

Wash, 30 lks. wide, 10 ft. deep, in the bottom of draw, 55 ft. below witness $\frac{1}{4}$ sec. cor., drains easterly; asc. gradually 20 ft., over gently rolling land to

70.90

Leave gently rolling land, bears NW. and SE.; begin steep ascent of 200 ft., over NE. slope.

80.30

N. edge or nearly perpendicular rim of bench, 50 ft. high, bears E. and N. 70° W.; enter a medium heavy growth of timber, bears E. and W. over nearly level top to

81.84

Intersect the cor. of secs. 2, 3, 10, and 11.

Land, rolling and broken, and rough mountainous, draining easterly; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush, yellow top and greasewood.

Grazing, poor to fair growth of grama grass.

From the reestablished standard cor. of secs. 33 and 34, on the S. bdy of the Tp.,

N. $0^\circ 17'$ W., bet. secs. 33 and 34.

Asc. 270 ft., over gradual SW. slope, through medium dense short undergrowth.

10.00

Ascent becomes abrupt.

24.60

Top of knoll, bears NW. about 7 chs. dist. and SE. approximately 8 chs. dist.; desc. NE. slope 170 ft.

36.20

Wash, 10 lks. wide, 2 ft. deep, in bottom of draw, heads W. about 5 chs. dist., drains easterly; asc. general S. slope 70 ft. to $\frac{1}{4}$ sec. cor.

36.50

Enter scattering timber.

39.80

Intersect the original $\frac{1}{4}$ sec. cor., which is a stationary sandstone, $3 \times 1\frac{1}{2}$ ft. above ground, marked with $\frac{1}{4}$ on top face, and from which

A cedar, 5 ins. diam., bears N. $50^\circ 45'$ E., 18 lks. dist., marked $\frac{1}{4}$ S B T.

The original bearing tree in sec. 33 is dead and lying on top of ground.

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

On the S. side of the stationary sandstone cor. and adjacent to the marking $\frac{1}{4}$, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked

S33 | S34

1940

from which

A cedar, 5 ins. diam., bears N. $43^{\circ} 00' W.$, 59 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

To the markings on the bearing tree in sec. 34, I add the number of the sec.

Thence,

N. $1^{\circ} 12' W.$, with continuous measurement.

41.50 S. edge of bench, 20 ft. above $\frac{1}{4}$ sec. cor., bears S. $70^{\circ} E.$ and W.; enter a medium heavy growth of timber, bears same as edge of bench; gradual ascent of 20 ft., over gently rolling top.

46.00 Leave timber, bears E. and W.

67.00 N. edge of bench, bears E. and SW.; desc. general N. slope 20 ft.

73.00 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains E. about 10 chs. dist., thence northeasterly; asc. gradual SE. slope 10 ft. to the restored cor. of secs. 27, 28, 33, and 34.

79.30 Enter a medium heavy growth of timber, bears NE. and SW.

80.46 The restored point for the original cor. of secs. 27, 28, 33, and 34, which is determined by proportionate measurements from four points of control, as there is no evidence of the original cor. monument or accessories.

The four points of control are the original $\frac{1}{4}$ sec. cors. of secs. 27 and 28; 27 and 34; 28 and 33; and 33 and 34.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T15SR9E
S28 | S27
S33 | S34
1940

from which

A pinon pine, 8 ins. diam., bears N. $61^{\circ} 20' E.$, 203 lks.
dist., marked T 15 S R 9 E S 27 B T.

A pinon pine, 10 ins. diam., bears S. $71^{\circ} 52' E.$, 135 lks.
dist., marked T 15 S R 9 E S 34 B T.

A cedar, 16 ins. diam., bears S. $74^{\circ} 45' W.$, 200 lks.
dist., marked T 15 S R 9 E S 33 B T.

A pinon pine, 5 ins. diam., bears N. $45^{\circ} 15' W.$, 76 lks.
dist., marked T 15 S R 9 E S 28 B T.

Land, rolling, rough and broken, draining southeasterly and easterly; sandstone and shale formation.

Soil, red sand, sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

level yimon tevo ;.W °00 .E dms .E °00 .N arised ,honed to ends .E °00 .N

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Undergrowth, shadscale, salt brush, black sagebrush, yellow top, greasewood and white sage.

Grazing, poor to fair growth of gramma, bunch and sand grass.

From the cor. of secs. 26, 27, 34, and 35.

S. 89° 49' W., bet. secs. 27 and 34.

Asc. gradually 50 ft. to $\frac{1}{4}$ sec. cor., over gently rolling land or bench, through dense short undergrowth.

4.10 Wagon road, bears NW. and SE.

28.30 Wagon road, bears N. 30° W. and S. 30° E.

40.17 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x7x5 ins. marked $\frac{1}{4}$ on N. face, loosely set 10 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 527 \\ \frac{1}{4} \frac{1}{4} \\ \hline 534 \\ 1940 \end{array}$$

raise a mound

of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.

Thence,

S. 89° 57' W., with continuous measurement.

54.10 Wash, 10 lks. wide, 1 ft. deep, from NW., drains SE.

60.90 Enter scattering timber.

63.90 Same wash as noted at 54.10 chs., drains from SW. to NE.

64.10 Leave timber.

75.90 Enter a medium heavy growth of timber, bears NE. and SW.; undergrowth becomes sparse and scattering.

80.15 Intersect the restored cor. of secs. 27, 28, 33, and 34.

Land, nearly level and gently rolling, draining E.; sandstone formation

Soil, red sand and sandy clay, 3rd rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, white sage and yellow top.

Grazing, a fair growth of gramma, bunch and sand grass.

North, bet. secs. 27 and 28.

Over gently rolling land, through medium heavy timber and scattering undergrowth; asc. gradual SE. slope 10 ft.

3.40 State highway No. 122, paved, bears N. 72° 15' E. to Price, Utah, and S. 72° 15' W. to Hiawatha, Utah.

3.80 Telephone line from Price to Hiawatha parallels state highway.

4.00 S. edge of bench, bears N. 60° E. and S. 60° W.; over nearly level top

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	
8.50	N. edge of bench, bears E. and W.; leave medium heavy timber, bears E. and W., and enter scattering; desc. N. slope 25 ft.
11.60	Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains E.; gradual ascent of 10 ft. to $\frac{1}{4}$ sec. cor., over nearly level land or bench.
16.50	Enter a medium heavy growth of timber, bears E. and W.
20.10	Wash, 20 lks. wide, 2 ft. deep, drains E.
23.50	Leave medium heavy timber, bears E. and W., and enter scattering.
24.00	Wagon road, bears NE. and SW.
40.66	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x12x4 ins., loosely set in ground and surrounded by a small mound of stone, and marked $\frac{1}{4}$ on W. face, but no evidence of other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S28 S27 1940 </div> <p style="text-align: right;">from which</p> <p>A pinon pine, 10 ins. diam., bears S. $46^{\circ} 08'$ E., 212 lks. dist., marked $\frac{1}{4}$ S. 27 B T.</p> <p>A pinon pine, 6 ins. diam., bears S. $29^{\circ} 45'$ W., 280 lks. dist., marked $\frac{1}{4}$ S 28 B T.</p> <p>Thence,</p> <p>N. $0^{\circ} 42'$ W., with continuous measurement.</p>
46.10	N. edge of bench, 10 ft. above $\frac{1}{4}$ sec. cor., bears SE. and W.; leave timber; desc. rolling NE. slope 15 ft.
57.70	S. bank of Miller Creek wash, 25 ft. high, bears NE. and SW.
58.10	Miller Creek, muddy alkali water, 3 lks. wide, 2 ins. deep, in wash, in bottom of swale, course NE.
60.30	N. bank of Miller Creek wash, 25 ft. high, bears NE. and SW.; asc. gradually 15 ft., over rolling land to sec. cor.
64.30	Wagon road, bears E. to State highway No. 50 and W. to a sheep corral in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of sec. 28.
71.90	State highway No. 50, graveled and graded, bears N. $30^{\circ} 00'$ W. to Wattie, Utah, and S. $55^{\circ} 30'$ E. to State highway No. 122.
80.75	Intersect the original cor. of secs. 21, 22, 27, and 28, which is a sandstone, 15x9x6 ins., marked with 2 notches on S. and 3 notches on E. edges, and loosely set 6 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

chains

T15SR9E

S21 S22

S28 S27

1940

raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

From this cor., the NE. cor. of a sheep corral, bears S. 16° 05' W. 17.80 chs. dist. The corral is 1.50 chs. in length E. and W., and 1.00 chs. in width N. and S., and is constructed of old railroad ties.

Land, nearly level, rolling, and gently rolling, draining easterly; sandstone and shale formation.

Soil, red sand, sandy clay, and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, white sage, greasewood, black sagebrush, yell top, and salt brush.

Grazing, a fair growth of gramma, bunch, and sand grass.

From the cor. of secs. 22, 23, 26, and 27,

S. 89° 57' W., bet. secs. 22 and 27.

Over rolling land, through dense undergrowth; gradual ascent of 75 ft to ¼ sec. cor.

31.40 Stream of clear water, 1½ lk. wide, 1 in. deep, in irrigation ditch, 1 lks. wide, 4 ft. deep, from SW., drains NE. about 2 chs. dist., thence easterly.

34.00 Same stream in irrigation ditch as noted at 31.40 chs., drains from NW. to SE.

37.70 Top of knoll, 15 ft. high, bears N. and S.

40.72 Intersect the original ¼ sec. cor., which is a limestone, 12x6x6 ins. marked ¼ on N. face, and firmly set 6 ins. in the ground, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for ¼ sec. cor., with brass cap marked

S22

¼

S27

1940

from which

A cedar, 6 ins. diam., bears N. 54° 45' E., 97 lks. dist., marked ¼ S 22 B T.

A cedar, 8 ins. diam., bears S. 69° 55' W., 183 lks. dist., marked ¼ S 27 B T.

Thence,

S. 89° 59' W., with continuous measurement.

Gradual ascent of 70 ft. to sec. cor.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

42.70	Wagon road, bears NE. and SW.
45.50	Miller Creek, muddy alkali water, 2 lks. wide, 2 ins. deep, in wash, 1.80 chs. wide, 15 ft. deep, course N. about 10 chs. dist., thence easterly.
63.30	Old railroad grade, bears NE. to Price, Utah, and SW. to Hiawatha, Utah.
75.80	Same railroad grade, bears N. 70° W. and S. 70° E.
80.59	Intersect the cor. of secs. 21, 22, 27, and 28.
	Land, rolling and gently rolling, draining easterly; sandstone and shale formation.
	Soil, red sand, sandy clay, and blue clay, 3rd and 4th rate.
	Timber, a sparse growth of cedar.
	Undergrowth, shadscale, salt brush, greasewood, yellow top, and black sagebrush.
	Grazing, a fair growth of gramma, bunch, and sand grass.
	N. 0° 06' E., bet. secs. 21 and 22.
	Over rolling and broken land, through scattering short undergrowth; asc. gradual SW. slope 20 ft.
2.80	Old railroad grade, bears SE. to Price, Utah, and NW. to Hiawatha, Utah.
6.30	S. edge of bench, bears NW. and SE.; desc. gradually 35 ft., over rolling top.
26.90	Sheep wagon road, bears N. 80° E. and S. 80° W.
39.00	N. edge of bench, bears E. and S. 30° W.; desc. 20 ft. to $\frac{1}{4}$ sec. cor., over NW. slope.
40.34	Intersect the original $\frac{1}{4}$ sec. cor., which is a shale stone, 11x9x2 ins., loosely set in ground and surrounded by a small mound of stone, and marked $\frac{1}{4}$ on W. face, but no evidence of other accessories. A portion of the stone monument has been broken off the top.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S21 S22 1940 </div>
	from which
	A pinon pine, 14 ins. diam., bears N. 8° 30' E., 239 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	A pinon pine, 10 ins. diam., bears N. 56° 15' W., 423 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	Thence,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

- Chains
- N. $0^{\circ} 27'$ E., with continuous measurement.
- 45.30 Enter scattering timber.
- 66.90 Descent becomes more abrupt, slope changing from NW. to N.
- 70.50 Base of steep descent, 145 ft. below $\frac{1}{2}$ sec. cor., bears E. and W.; over level bottom of hollow.
- 74.70 S. bank of wash, 5 ft. high, bears E. and W.; wash drains E.
- 76.50 N. bank of wash, 7 ft. high, bears E. and W.
- 77.50 Leave bottom of hollow, bears NE. and W.; asc. gradual SE. slope 10 ft to
- 80.80 Intersect the original cor. of secs. 15, 16, 21, and 22, which is a shale stone, $24 \times 8 \times 4$ ins., marked with 3 notches on each of the S. and E. edges, and loosely set 8 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T15SR9E
816 815
821 822

1940

from which

A pinon pine, 10 ins. diam., bears N. $51^{\circ} 20'$ W., 338 lks. dist., marked T 15 S R 9 E S 16 B T.

There are no available trees suitable for marking in secs. 15, 21, and 22; therefore, I raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, rolling, rough, abrupt, and broken, draining easterly; sandstone and shale formation.

Soil, red sand, sandy clay, and blue clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, yellow top, black sagebrush, greasewood, and white sage.

Grazing, a fair growth of gramma and sand grass.

From the cor. of secs. 14, 15, 22, and 23,

N. $89^{\circ} 24'$ W., bet. secs. 15 and 22.

Asc. rough and broken SE. slope 65 ft., through scattering timber and undergrowth.

1.90 E. edge of bench, bears NE. and SW.; asc. gradually 10 ft.

3.70 W. edge of bench, bears NW. and SE.; desc. SW. slope 105 ft.

8.50 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. 65 ft.

15.30 Spur, projects SE. about 5 chs. dist.; desc. 80 ft., connect

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

- 21.70 Left bank of wash, 20 ft. high, bears NW. and SE.; wash in bottom of hollow, draining SE.
- 25.20 Right bank of wash, 4 ft. high, bears NW. and SE.; asc. gradually 45 ft. to $\frac{1}{4}$ sec. cor., along or near bottom of hollow.
- 31.00 Left bank of same wash, 12 ft. high, bears NW. and SE.; wash drains from NW. to SE.
- 32.00 Right bank of wash, 12 ft. high, bears NW. and SE.
- 33.00 Leave bottom of hollow, bears NW. and SE.; asc. gradual NE. slope to
- 40.36 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 24x10x8 ins., marked $\frac{1}{4}$ on N. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and from which
- A pinon pine, 12 ins. diam., bears S. 28° 00' W., 22 lks. dist., marked $\frac{1}{4}$ S B T.
- The old cedar bearing tree in sec. 15 is dead and lying on top of ground.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} S15 \\ \frac{1}{4} \text{---} \\ S22 \\ 1940 \end{array}$$
- from which
- A pinon pine, 14 ins. diam., bears N. 10° 30' W., 79 lks. dist., marked $\frac{1}{4}$ S 15 B T.
- To the markings on the bearing tree in sec. 22, I add the number of the sec.
- Thence,
- S. 89° 48' W., with continuous measurement.
- 43.60 Spur, 45 ft. above $\frac{1}{4}$ sec. cor., slopes NW. about 5' chs. dist.; gradual descent of 65 ft., along general NW. slope.
- 66.80 Leave timber.
- 76.40 Wash, 70 lks. wide, 7 ft. deep, in the bottom of hollow, from SW., drains NE.; asc. gradual SE. slope 15 ft. to
- 80.73 Intersect the cor. of secs. 15, 16, 21, and 22.
- Land, rolling, rough, and broken, draining easterly; sandstone and shale outcroppings.
- Soil, red sand, sandy clay, and gray and blue clay, 2nd to 4th rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadscale, salt brush, greasewood, yellow top, and white sage.
- Grazing, a sparse growth of gramma grass.

DEPENDENT SURVEY OF THE SUBDIVISION OF T. 24 S., R. 9 E.

Chains		Chain
	N. 0° 12' E., bet. secs. 15 and 16, Asc. SE. slope 65 ft., through scattering short undergrowth.	07.15
7.00	Spur, slopes SE. about 5 chs. dist.; enter scattering patches of timber; desc. 60 ft.	08.25
20.20	Wash, 50 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. abrupt SW. slope 120 ft.	09.45
25.10	S. edge or nearly perpendicular ledge or rim of bench, 45 ft. high, bears NW. and SE.; enter a heavy growth of timber, bears same as edge of bench; gradual descent of 10 ft. to $\frac{1}{4}$ sec. cor., over nearly level and gently rolling top.	10.00
36.70	Wash, 10 lks. wide, 1 ft. deep, drains SE.	10.40
36.90	Leave heavy timber, bears NW. and SE., and enter a sparse growth.	10.42
37.50	Enter dense undergrowth, bears NW. and SE.	10.49
40.15	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 19x11x11 ins., marked $\frac{1}{4}$ on W. face, and firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.	10.54
	At point for cor: Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S16 S15 1940 </div> from which A cedar, 8 ins. diam., bears S. 42° 55' E., 129 lks. dist., marked $\frac{1}{4}$ S 15 B T. A cedar, 10 ins. diam., bears S. 52° 00' W., 204 lks. dist., marked $\frac{1}{4}$ S 16 B T. Thence, N. 0° 13' E., with continuous measurement.	
80.64	Intersect the original cor. of secs. 9, 10, 15, and 16, which is a sandstone, 14x14x10 ins., marked with 4 notches on S. and 3 notches on E. edges, firmly set 6 ins. in the ground and surrounded by a small mound of stone, and from which A pinon pine, 5 ins. diam., bears S. 71° 20' E., 69 lks. dist., marked T 15 S R 9 E S 15 B T. The bearing trees in secs. 9 and 10 are dead and lying on top of ground. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with the original stone deposited at the base and in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 9, 10, 15, and 16, with brass cap marked <div style="text-align: center;"> T15 R9 E S9 S10 S16 S15 1940 </div>	

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

from which

A pinon pine, 5 ins. diam., bears N. 10° 52' E., 87 lks.
dist., marked T 15 S R 9 E S 10 B T.

A pinon pine, 8 ins. diam., bears S. 83° 45' W., 531 lks.
dist., marked T 15 S R 9 E S 16 B T.

A cedar, 9 ins. diam., bears N. 69° 00' W., 529 lks.
dist., marked T 15 S R 9 E S 9 B T.

This cor. is located 80 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling, rough and broken, S. 25.10 chs.; nearly level and rolling bench, N. 55.54 chs.; sandstone and shale formation; drainage SE.

Soil, red sand, sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush and white sage.

Grazing, a fair growth of gramma and bunch grass.

From the cor. of secs. 10, 11, 14, and 15,

N. 88° 37' W., bet. secs. 10 and 15.

Asc. gradually 25 ft., over nearly level top of bench, through medium dense undergrowth.

2.80 Wagon road, bears NW. and SE.

17.90 Top of ascent on N. slope of knoll; top of knoll bears S. about 3 chs. dist.; gradual descent of 100 ft.

25.60 Enter scattering timber.

27.80 Draw, drains S.; gradual ascent of 55 ft. to

40.26 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x13x4 ins., marked $\frac{1}{4}$ on N. face, loosely set 6 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine limb, 8 ins. diam., bears N. 8° 30' W., 47 lks.
dist., marked $\frac{1}{4}$ S B T.

The original bearing tree in sec. 15 is dead and lying on top of ground.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 15 only, so I deface the markings on the bearing tree in sec. 10.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, 5 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 15, with brass cap marked

$\frac{1}{4}$ S15

1940

from which

A pinon pine, 6 ins. diam., bears S. 23° 08' E., 87 lks.
dist., marked $\frac{1}{4}$ S 15 B T.

A cedar limb, 3 ins. diam., bears S. 56° 30' W., 30 lks.
dist., marked B T.

Thence,

S. 89° 50' W., with continuous measurement.

DEPENDENT RESERVE OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

anted

40.88 Proportionate distance or true point for $\frac{1}{4}$ sec. cor. of sec. 10 fall in wash or small draw, 20 ft. deep, drains from N. about 2 chs. dist. to S.; making the establishment of a cor. monument impracticable.

41.78 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for witness $\frac{1}{4}$ sec. cor. of sec. 10, only, with brass cap marked

 $\frac{1}{4}$ S10 W C

1940

from which

A pinon pine limb; 7 ins. diam., bears N. $27^{\circ} 30'$ E., 37 lks. dist., marked W C $\frac{1}{4}$ S 10 B T.

A pinon pine, 6 ins. diam., bears N. $53^{\circ} 00'$ W., 39 lks. dist., marked W C $\frac{1}{4}$ S 10 B T.

41.90 Enter a medium heavy growth of timber, bears NW. and SE.

43.80 W. edge of bench or E. rim of gulch, bears NW. and SE., 15 ft. above $\frac{1}{4}$ sec. cor. of sec. 15; gulch 50 ft. deep, drains SE.

45.90 W. rim of gulch, bears NW. and SE.; asc. NE. slope 120 ft. to

61.90 E. edge of bench, bears NW. and SE.; asc. gradually 10 ft. to sec. cor., over nearly level top.

78.60 Leave timber, bears NE. and SW.

80.78 Intersect the cor. of secs. 9, 10, 15, and 16.

Land, nearly level, rolling, rough and broken, draining SE.; sandstone and shale formation.

Soil, red sand, sandy clay and varied colored clays, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, yellow top and cotton brush.

Grazing, poor to fair growth of gramma and bunch grass.

From the reestablished standard cor. of secs. 32 and 33, on the S. bdy. of the Tp.,

N. $0^{\circ} 04'$ E., bet. secs. 32 and 33.

Asc. gradually 25 ft., over nearly level top of bench, through heavy timber and scattering undergrowth.

7.00 N. edge of bench, bears NW. and SE.; leave timber, bears same as edge of bench; desc. abrupt broken NE. slope 485 ft.

28.40 Base of abrupt descent, bears NW. and SE.; desc. more gradual NE. slope 55 ft. to

40.40 Proportionate point; there is no trace of the original cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S32 | S33

1940

raise a mound

of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

40.60 S. bank of wash, 20 ft. high, bears N. 60° W. and S. 60° E.; wash in bottom of swale, heads N. 60° W. about 15 chs. dist., drains S. 60° E.

41.90 N. bank of wash, 20 ft. high, bears N. 60° W. and S. 60° E.; begin ascent of 190 ft., over SW. slope.

69.50 Ridge, bears N. 60° W. and S. 60° E.; enter scattering timber; desc.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	abruptly 85 ft...
73.10	Stream of clear alkali water, 3 lks. wide, 2 ins. deep, in the bottom of ravine, course S. 60° E.; steep ascent of 100 ft.
75.80	S. edge of bench, bears N. 60° W. and S. 60° E.; over level top to
80.80	The restored point for the original cor. of secs. 28, 29, 32, and 33, which is determined by proportionate measurements from four points of control, as there is no evidence of the original cor. monument or accessories.
	The four points of control are the original $\frac{1}{4}$ sec. cors. of secs. 28 and 29; 28 and 33; and 29 and 32; and the original standard cor. of secs. 32 and 33, on the S. bdy. of the Tp.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked
	<div style="text-align: center;"> T15SR9E S29 S28 S32 S33 1940 </div>
	from which
	A pinon pine, 12 ins. diam., bears N. 22° 35' E., 184 lks. dist., marked T 15 S R 9 E S 28 B T.
	A pinon pine, 7 ins. diam., bears S. 58° 00' E., 782 lks. dist., marked T 15 S R 9 E S 33 B T.
	A pinon pine, 14 ins. diam., bears S. 52° 50' W., 211 lks. dist., marked T 15 S R 9 E S 32 B T.
	A pinon pine, 10 ins. diam., bears N. 45° 50' W., 211 lks. dist., marked T 15 S R 9 E S 29 B T.
	Land, rolling, rough and broken mountains, draining generally SE.; sandstone formation.
	Soil, rocky red sand and varied colored clays, 4th rate.
	Timber, sparse to a heavy growth of cedar and pinon pine.
	Undergrowth, shadscale, salt brush, greasewood and black sagebrush.
	Grazing, sparse to a fair growth of gramma and bunch grass.
	From the restored cor. of secs. 27, 28, 33, and 34,
	N. 89° 31' W., bet. secs. 28 and 33.
	Over nearly level and rolling top of bench, through medium heavy timber and scattering undergrowth; gradual ascent of 95 ft. to $\frac{1}{4}$ sec. cor.
5.60	State highway No. 122, paved, bears N. 72° 15' E. to Price, Utah, and S. 72° 15' W. to Hiawatha, Utah.
6.77	Telephone line from Price to Hiawatha parallels state highway..
40.14	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 17x9x4 ins., loosely set 10 ins. in the ground and surrounded by a small mound of stone, marked $\frac{1}{4}$ on N. face, and from which
	A pinon pine, nearly dead, 16 ins. diam., bears S. 85° 55' E., 52 lks. dist., marked $\frac{1}{4}$ S B T.
	I am unable to find the original bearing tree in sec. 28.
	At point for cor.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

328

 $\frac{1}{4}$

833

1940

from which

A pinon pine, 12 ins. diam., bears N. $5^{\circ} 45'$ E., 108 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon pine, 5 ins. diam., bears S. $26^{\circ} 20'$ E., 71 lks. dist., marked $\frac{1}{4}$ S 33 B T.

Thence,

N. $89^{\circ} 40'$ W., with continuous measurement.

43.20 Wagon road, bears N. 30° W. to the Falsone ranch in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 30 and S. 30° E. to State highway No. 122.

55.47 Telephone line, bears S. $84^{\circ} 15'$ E. to Price, Utah, and N. $84^{\circ} 15'$ W. to Hiawatha, Utah.

59.20 State highway No. 122, paved, bears S. $84^{\circ} 15'$ E. to Price, and N. $84^{\circ} 15'$ W. to Hiawatha.

80.40 Intersect the restored cor. of secs. 28, 29, 32, and 33, 65 ft. above $\frac{1}{4}$ sec. cor.

Land; nearly level and gently rolling top of bench, draining easterly sandstone, limestone and shale formation.

Soil; rocky and shallow red sand and sandy clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush and shadscale.

Grazing, poor to fair growth of bunch and sand grass.

N. $0^{\circ} 32'$ W., bet. secs. 28 and 29.

Over level top of bench, through scattering timber and undergrowth.

2.30 State highway No. 122, paved, bears S. $84^{\circ} 06'$ E. to Price, Utah, and N. $84^{\circ} 06'$ W. to Hiawatha, Utah.

2.60 Telephone line from Price to Hiawatha parallels State highway.

2.80 Enter heavy growth of timber, bears E. and W.

8.80 N. edge of bench, bears E. and W.; desc. N. slope 50 ft.

11.00 Wagon road, bears NW. to the Falsone ranch in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 30 and SE. to State highway No. 122.

11.20 Leave timber, bears E. and W.

13.80 Wash, 40 lks. wide, 5 ft. deep, in the bottom of swale, drains S. 80° E.; asc. gradual general S. slope 15 ft.

19.10 Enter a heavy growth of timber, bears E. and W.

26.70 Leave heavy timber, bears E. and W., and enter scattering.

36.70 Enter a heavy growth of timber, bears E. and W.

39.20 Ridge, bears E. and W.; desc. gradually 10 ft. to $\frac{1}{4}$ sec. cor., over N. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

40.40

Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, $15 \times 12 \times 3$ ins., marked $\frac{1}{4}$ on W. face, and loosely set in a mound of stone, 4 ft. base, $\frac{1}{4}$ ft. high.

The bearing trees have been cut down by woodmen, and only the stumps remain.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, $5\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked

S29

S28

1940

from which

A pinon pine, 9 ins. diam., bears N. $81^{\circ} 07'$ E., 82 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon pine, 9 ins. diam., bears S. $48^{\circ} 30'$ W., 49 lks. dist., marked $\frac{1}{4}$ S 29 B T.

Thence, .

N. $0^{\circ} 11'$ E., with continuous measurement.

43.50

Electric power line, bears N. $52^{\circ} 30'$ E. to the Millerton ranch in the N $\frac{1}{2}$ of sec. 28 and S. $52^{\circ} 30'$ W. to Hiawatha, Utah.

46.40

Leave timber, bears E. and W.

47.30

Wagon road, bears N. 60° E. to the Millerton ranch and S. 60° W. to State highway No. 122.

47.90

Irrigation ditch, 6 lks. wide, 2 ft. deep, drains E.; leave undergrowth, enter cultivated land at the base of descent, bearing E. and W., 60 ft. below $\frac{1}{4}$ sec. cor.; over nearly level bottom of hollow.

53.20

Leave cultivated land, enter dense undergrowth, bears E. and W.

53.80

Miller Creek, muddy water, 4 lks. wide, 2 ins. deep, in wash, 2.50 chs. wide, 35 ft. deep, course S. 70° E.

55.00

Leave bottom of hollow, bears E. and W.; asc. S. slope 25 ft.

58.20

Woven wire fence, bears E. and W., on S. edge of bench, bearing E. and W.; enter scattering timber.

From this station, a circular wooden water tank, 56 ft. in circumference and 12 ft. high, bears east 3.30 chs. dist.

Desc. gradually 25 ft. to sec. cor., over gentle N. slope.

58.80

Wagon road to the Millerton ranch, bears E. and W.

59.30

Irrigation ditch, 4 lks. wide, $1\frac{1}{2}$ ft. deep, drains E.

59.50

Leave timber.

60.60

Old railroad grade, bears N. 70° E. to Price, Utah, and S. 70° W. to Hiawatha, Utah.

80.35

Intersect the original cor. of secs. 20, 21, 28, and 29, which is a sandstone, $20 \times 14 \times 8$ ins., marked with 2 notches on S. and 4 notches on E. edges, firmly set 12 ins. in the ground, and witnessed on the W. by a small mound of stone.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, with the original stone and a sandstone, 7x7x3 ins., marked X, deposited at the base, and in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T15SR9E

S20 S21

S29 S28

1940

This cor. is identical with a cor. of a tract of land owned by a coal company known as the United States Fuel Company; and to perpetuate the true cor. point, the company has established alongside the stone monument a concrete block, pyramidal in shape, 6 ins. square at top, 12 ins. square at base, firmly set and projecting 2½ ft. above ground, and marked U S F on the S. and E. faces.

From the cor. of secs. 20, 21, 28, and 29, an elevation bench mark of the U. S. Geological Survey, bears S. 33° 13' 30" E. 19.95 chs. dist. The bench mark is a brass cap, 3½ ins. diam., marked U. S. GEOLOGICAL SURVEY, \$250 FINE FOR DISTURBING THIS MARK, ELEVATION ABOVE SEA 6292 FEET, and is cemented into the top of a sandstone boulder, 8x6x4 ft. above ground. As published in U. S. Geological Survey Bulletin 912, Poison Spring Quadrangle.

From the same cor., the smoke stack on top of the boiler and dairy house at the Millerton ranch, bears S. 48° 39' E.

Land, nearly level and rolling, draining easterly; sandstone, limestone, and shale formation.

Soil, rocky red sand and sandy clay loam, 1st to 4th rate.

Timber, cedar and pinon pine; scattering cottonwood along Miller Creek.

Undergrowth; black sagebrush, shadscale, greasewood, and white sage.

Grazing, fair to good growth of gramma and bunch grass.

From the cor. of secs. 21, 22, 27, and 28,

N. 89° 55' W., bet. secs. 21 and 28.

Over rolling and gently rolling land, through scattering short undergrowth; gradual ascent of 80 ft. to ½ sec. cor.

3.80 State highway No. 50, graveled and graded, bears N. 30° 00' W. to Wattis, Utah, and S. 30° 00' E. to State highway No. 122.

4.98 Four strand barb wire fence, bears N. and S. to State highway No. 50.

20.06 Woven wire fence, bears N. 5° 04' W. and S. 5° 04' E.

21.30 Wagon and automobile road, bears N. 75° 30' E. to State highway No. 50 and S. 75° 30' W. to the Millerton ranch in the N. of sec. 28, along the top of old railroad grade from Price, Utah, to Hiawatha, Utah.

34.40 Leave undergrowth, enter cultivated land, bears N. and S.

40.06 Property state point; there is no evidence of the original cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ½ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

$$\frac{\frac{1}{4} \text{ S21}}{\text{S28}} \\ 1940$$

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

raise a mound

From this cor., the U.S. Geological Survey elevation bench mark, hereinbefore described at the cor. of secs. 20, 21, 28, and 29, bears S. $60^{\circ} 17'$, $30''$ W.

Also, from this cor., the smoke stack on the boiler and dairy house at the Millerton ranch, bears S. $24^{\circ} 41'$ W.

Continue gradual ascent of 50 ft. to sec. cor., over nearly level top of bench.

63.77 Four strand barbed wire fence, bears N. $16^{\circ} 30'$ W. and S. $16^{\circ} 30'$ E.

69.17 Four strand barbed wire fence, bears N. $68^{\circ} 30'$ E. and S. $68^{\circ} 30'$ W.; leave cultivated land, bears same as fence; enter scattering undergrowth.

80.12 Intersect the cor. of secs. 20, 21, 28, and 29.

Land, nearly level, rolling, and gently rolling bench, draining easterly; sandstone, blue shale, and limestone formation.

Soil, red sand, sandy loam, and blue clay, 1st to 4th rate.

Undergrowth, black sagebrush, shadscale, yellow top, white sage, and greasewood.

Grazing, fair growth of gramma and bunch grass.

No timber.

N. $0^{\circ} 11'$ W., bet. secs. 20 and 21.

Over nearly level top of bench, through medium dense undergrowth; desc. gradual N. slope 25 ft.

13.16 Four strand barbed wire fence, bears N. $52^{\circ} 31'$ E., and S. $52^{\circ} 31'$ W.

15.90 N. edge of bench, bears E. and W.; enter a medium heavy growth of timber, bears E. and W.; desc. N. slope 105 ft.

19.98 A concrete monument, pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, projecting $2\frac{1}{2}$ ft. above ground, marked U S F on S. and E. faces, and firmly set and surrounded by a mound of stone, 4 ft. base, 2 ft. high, bears East, $26\frac{1}{2}$ lks. dist.

20.70 Draw, drains N. 70° E.; asc. SE. slope 95 ft.

27.70 Top of ascent or low ridge, bears NE. and SW.; leave timber, bears E. and W.; desc. 150 ft.

37.90 Wash, 50 lks. wide, 10 ft. deep, in the bottom of draw, drains NE.; asc. 10 ft. to $\frac{1}{4}$ sec. cor., over gradual SE. slope.

40.17 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, $16 \times 11 \times 4$ ins., loosely set in ground, marked $\frac{1}{4}$ on W. face, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

$\frac{1}{2}$
 S20 | S21
 1940

from which

A cedar, 5 ins. diam., bears S. $66^{\circ} 50'$ E., 114 lks. dist.,
marked $\frac{1}{2}$ S 21 B T.

As there are no available trees suitable for marking in sec. 20, I
raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Thence,

N. $0^{\circ} 06'$ W., with continuous measurement.

- 43.40 Top of ascent on E. slope, 20 ft. above $\frac{1}{2}$ sec. cor.; gradual descent
of 30 ft.
- 48.60 Wash, 80 lks. wide, 10 ft. deep, in the bottom of draw, drains SE.;
asc. general S. slope 35 ft.
- 52.60 State highway No. 50, graveled and graded, bears N. $56^{\circ} 30'$ W. to
Wattis, Utah, and S. $56^{\circ} 30'$ E. to State highway No. 122.
- 68.10 Ridge, bears S. 70° E. and W.; desc. general N. slope 40 ft. to sec.
cor.
- 77.40 Enter scattering timber.
- 80.50 Intersect the original cor. of secs. 16, 17, 20, and 21, which is a
sandstone, $16 \times 10 \times 8$ ins., marked with 3 notches on S. and 4 notches on
E. edges, firmly set 8 ins. in the ground and surrounded by a small
mound of stone, and from which

A cedar, 9 ins. diam., bears S. $4^{\circ} 00'$ E., 127 lks. dist.,
marked T 15 S R 9 E S 21 B T.

A cedar, 8 ins. diam., bears S. $78^{\circ} 00'$ W., 38 lks. dist.,
marked T 15 S R 9 E S 20 B T.

- The original bearing trees in secs. 16 and 17 are dead and lying on
top of ground.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,
with the original stone deposited at the base, for cor. of secs. 16,
17, 20, and 21, with brass cap marked.

T15SR9E
 S17 | S16
 S20 | S21
 1940

from which

A cedar, 12 ins. diam., bears N. $81^{\circ} 50'$ E., 191 lks. dist.,
marked T 15 S R 9 E S 16 B T.

A cedar, 8 ins. diam., bears N. $80^{\circ} 45'$ W., 61 lks. dist.,
marked T 15 S R 9 E S 17 B T.

Land, nearly level, rolling, and broken, draining easterly; sandstone
and shale formation.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	
	Soil, red sandy, sandy loam, and gray and blue clay, 2nd and 4th rate.
	Timber, cedar and pinon pine.
	Undergrowth, black sagebrush, shadscale, salt brush, greasewood, and white sage.
	Grazing, a fair growth of gramma grass on bench; poor growth of bunch grass on other portions.
	From the cor. of secs. 15, 16, 21, and 22,
	N. 89° 56' W., bet. secs. 16 and 21.
	Asc. SE. slope 30 ft., through scattering short undergrowth.
2.00	Spur, slopes S. about 3 chs. dist.; desc. 20 ft.
12.10	Draw, drains SE.; asc. abruptly 485 ft.
18.10	Enter scattering timber.
23.50	Spur, slopes SE. approximately 8 chs. dist.; desc. 60 ft.
30.30	Draw, drains SE.; asc. 60 ft.
36.60	Spur, projects SE. about 12 chs. dist.; desc. gradual SW. slope 10 ft. to
40.06	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 20x14x8 ins., marked $\frac{1}{4}$ on N. face, and firmly set 7 ins. in the ground and surrounded by a small mound of stone, but no evidence of accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S16 \\ \frac{1}{4} \text{ --- } \\ S21 \\ 1940 \end{array}$
	from which
	A pinon pine, 10 ins. diam., bears S. 17° 15' W., 84 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	A pinon pine, 10 ins. diam., bears N. 41° 40' W., 49 lks. dist., marked $\frac{1}{4}$ S 16 B T.
	Thence,
	S. 89° 36' W., with continuous measurement.
58.60	Wagon and automobile road, graveled and graded, bears N. 12° 30' W. to Wattis, Utah, and S. 12° 30' E. to State highway No. 50.
60.00	Wash, 60 lks. wide, 6 ft. deep, in the bottom of draw, 55 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 40 ft.
61.40	Spur, slopes SE. about 2 chs. dist.; desc. 25 ft.
68.80	Wash, 40 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. 40 ft.
77.00	Spur, slopes NE. about 2 chs. dist.; gradual descent of 10 ft. to

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

anied

Chains

80.78

Intersect the cor. of secs. 16, 17, 20, and 21.

Land, rolling, rough, and broken, draining easterly; sandstone and shale formation.

Soil, red sand, sandy loam, and blue and gray clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush, greasewood, and white sage.

Grazing, poor to fair growth of gramma and bunch grass.

N. 0° 19' E., bet. secs. 16 and 17.

Desc. rolling N. and NE. slope 30 ft., through scattering timber and undergrowth.

6.10 Wash, 40 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 70° E.; asc. SW. slope 40 ft.

17.50 Spur, projects SE.; desc. broken NE. slope 25 ft.

26.50 Wagon and automobile road, graveled and graded, bears NW. to Wattis, Utah, and SE. to State highway No. 50.

28.70 Wash, 60 lks. wide, 6 ft. deep, in the bottom of draw, from NW., drain E. about 4 chs. dist., thence southeasterly; asc. SW. slope 75 ft.

37.80 S. edge of bench, bears NW. and SE.; leave timber, enter dense undergrowth, bears NW. and SE.; over nearly level top.

40.19 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x14x8 ins. marked $\frac{1}{4}$ on W. face, and firmly set 9 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$

S17

S16

1940

from which

A pinon pine, 10 ins. diam., bears S. 2° 04' E., 342 lks. dist., marked $\frac{1}{4}$ S 16 B T.A pinon pine, 10 ins. diam., bears S. 64° 45' W., 214 lks. dist., marked $\frac{1}{4}$ S 17 B T.

Thence,

N. 0° 46' E., with continuous measurement.

79.20 N. edge of bench, bears NW. and SE.; undergrowth becomes sparse, enter scattering timber; desc. gradual NE. slope 10 ft. to

80.46 Intersect the original cor. of secs. 8, 9, 16, and 17, which is a sandstone, 19x10x7 ins., marked with 4 notches on each of the S. and E. edges, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and from which

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

A pinon pine, nearly dead, 9 ins. diam., bears N. 48° 11' E., 17 lks. dist., marked T 15 S R 9 E S 9 B T.

A pinon pine limb, 8 ins. diam., bears N. 31° 55' W., 44 lks. dist., marked T 15 S R 9 E S 8 B T.

The original bearing trees in secs. 16 and 17 are dead and lying on top of the ground.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T15SR9E

S8|S9

S17|S16

1940

from which

A pinon pine, 9 ins. diam., bears N. 63° 45' E., 35 lks. dist., marked T 15 S R 9 E S 9 B T.

A pinon pine limb, 7 ins. diam., bears S. 75° 45' E., 49 lks. dist., marked T 15 S R 9 E S 16 B T.

A pinon pine, 6 ins. diam., bears S. 26° 30' W., 51 lks. dist., marked T 15 S R 9 E S 17 B T.

Land, rolling and broken, S. 37.80 chs. and N. 1.26 chs.; nearly level bench, remainder of mile; sandstone and shale formation; drainage SE.

Soil, red sand and sandy loam, and blue and gray clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, salt brush, shadscale and greasewood.

Grazing, poor to fair growth of gramma and bunch grass.

From the cor. of secs. 9, 10, 15, and 16,

S. 86° 40' W., bet. secs. 9 and 16.

Over nearly level and gently rolling top of bench, through medium dense undergrowth; asc. gradual SE. slope 60 ft.

11.70 E. edge of knoll or mesa, bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; gradual ascent of 15 ft., over level top.

21.90 W. edge of knoll or mesa, bears N. 60° W. and S. 80° E.; leave timber, bears same as edge of knoll or mesa; desc. SW. slope 60 ft. to

26.00 Base of knoll or mesa, bears N. 60° W. and S. 60° E.; desc. gradually 20 ft., over nearly level top of bench.

38.00 W. edge of bench, bears NW. and SE.; enter heavy timber, bears same as edge of bench; desc. 20 ft. to sec. cor., over gradual SW. slope.

39.92 Intersect the original $\frac{1}{2}$ sec. cor., which is a sandstone, 14x9x7 ins. marked $\frac{1}{2}$ on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 9 ins. diam., bears S. 14° 35' W., 67 lks. dist., marked $\frac{1}{2}$ S B T.

A pinon pine, 12 ins. diam., bears N. 53° 15' W., 18 lks. dist., marked $\frac{1}{2}$ S B T.

This $\frac{1}{2}$ sec. cor. now pertains to sec. 16 only, so I deface the markings on the bearing tree in sec. 9.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 16, with brass cap marked

$\frac{1}{4}$ S16

1940

from which

A pinon pine, 10 ins. diam., bears S. 29° 30' W., 106 lks. dist., marked $\frac{1}{4}$ S 16 B T.

To the markings on the original bearing tree in sec. 16, I add the number of the sec.

Thence,

N. 87° 25' W., with continuous measurement.

40.23 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 9, only, with brass cap marked

$\frac{1}{4}$ S9

1940

from which

A pinon pine, 12 ins. diam., bears N. 59° 30' E., 19 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A pinon pine, 12 ins. diam., bears N. 15° 30' E., 50 lks. dist., marked $\frac{1}{4}$ S 9 B T.

66.80 Wash, 60 lks. wide, 10 ft. deep, in the bottom of draw, 50 ft. below $\frac{1}{4}$ sec. cor. of sec. 16, drains SE.; asc. broken NE. slope 60 ft. to

80.46 Intersect the cor. of secs. 8, 9, 16, and 17.

Land, level, rolling and broken, draining SE.; sandstone and shale.

Soil, shallow and rocky red sand, sandy loam and clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush and greasewood.

Grazing, medium dense growth of gramma grass.

From the reestablished standard cor. of secs. 31 and 32, on the S. bdy. of the Tp.,

N. 0° 38' W., bet. secs. 31 and 32.

Desc. abrupt, rough and broken NE. slope 185 ft., through scattering timber and undergrowth.

9.40 Leave scattering timber.

12.80 Base of steep descent, bears NW. and SE.; desc. gradually.

13.80 Wash, 50 lks. wide, 4 ft. deep, in the bottom of swale, drains SE.; asc. 425 ft. to $\frac{1}{4}$ sec. cor., over SW. slope.

40.46 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x15x7 ins., marked $\frac{1}{4}$ on W. face, loosely set 8 ins. in the ground and surrounded by a small mound of stone, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

S31 | S32

1940

raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

This cor. stands at the top of ascent on W. slope of mesa.

Thence,

N. $0^{\circ} 09'$ E., with continuous measurement.

Desc. rough and broken NW. slope 120 ft.

51.80 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, heads E. about 5 chs. dist., drains W.; asc. general S. slope 135 ft.

52.00 Leave timber.

77.20 Top of ascent on NW. slope of knoll; enter a heavy growth of timber, bears E. and W.; desc. NW. slope 30 ft. to

80.32 Intersect the original cor. of secs. 29, 30, 31, and 32, which is a sandstone, $18 \times 9 \times 6$ ins., marked with 1 notch on S. and 5 notches on E. edges, loosely set 4 ins. in the ground and surrounded by a small mound of stone, and from which

A cedar, 16 ins. diam., bears N. $37^{\circ} 45'$ E., 13 lks. dist., marked T 15 S R 9 E S 29 B T.

A pinon pine, 9 ins. diam., bears S. $45^{\circ} 45'$ E., 12 lks. dist., marked T 15 S R 9 E S 32 B T.

A cedar, nearly dead, 24 ins. diam., bears N. $55^{\circ} 00'$ W., 10 lks. dist., marked T 15 S R 9 E S 30 B T.

The original bearing tree in sec. 31 is dead and lying on top of ground.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T15SR9E

S30 | S29

S31 | S32

1940

from which

A pinon pine, 6 ins. diam., bears S. $51^{\circ} 15'$ W., 17 lks. dist., marked T 15 S R 9 E S 31 B T.

A pinon pine, 12 ins. diam., bears N. $9^{\circ} 45'$ W., 93 lks. dist., marked T 15 S R 9 E S 30 B T.

Land, rolling, rough, and broken, draining SE.; sandstone and shale formation.

Soil, red sand and varied colored clays, 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, greasewood, black sagebrush, and white sage.

Grazing, poor growth of gramma, bunch, and sand grass.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

From the restored cor. of secs. 28, 29, 32, and 33.

N. $89^{\circ} 37'$ W., bet. secs. 29 and 32.

Over nearly level top of bench, through scattering timber and undergrowth; gradual ascent of 5 ft.

3.00 Enter a heavy growth of timber, bears N. and S.

8.00 W. edge of bench, bears NW. and SE.; desc. SW. slope 35 ft.

14.60 Wash, 30 lks. wide, 12 ft. deep, in the bottom of ravine, drains S. 60° E.; asc. 60 ft.

21.70 Top of ascent on NE. slope; desc. 15 ft.

24.10 Wash, 30 lks. wide, 2 ft. deep, in the bottom of draw, drains NE.; asc. 100 ft.

37.90 Top of ascent on NE. slope; gradual descent of 10 ft.

39.30 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains NE.; asc. gradual SE. slope 5 ft. to

40.31 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, $16 \times 12 \times 8$ ins., loosely set in ground and surrounded by a small mound of stone marked $\frac{1}{4}$ on N. face, and from which

A pinon pine, 8 ins. diam., bears N. $18^{\circ} 45'$ E., 50 lks. dist., marked $\frac{1}{4}$ S B T.

A pinon pine limb, 5 ins. diam., bears S. $52^{\circ} 45'$ E., 24 lks. dist., marked $\frac{1}{4}$ S B T.

To the markings on the bearing trees, I add the number of the sec. in which the tree stands.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S29
 $\frac{1}{4}$ —————
S32
1940

Thence,

S. $89^{\circ} 43'$ W., with continuous measurement.

42.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., slopes N. 20° E. about 4 chs. dist.; desc. 25 ft.

48.30 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains N. 20° E.; asc. 40 ft.

55.00 Top of ascent on N. slope; desc. gradual NW. slope 10 ft. to

80.73 Intersect the cor. of secs. 29, 30, 31, and 32.

Land, rolling, rough, and broken, draining easterly, thence southeasterly; sandstone and shale outcroppings.

Soil, shallow and rocky red sand, sandy clay, and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	
	Undergrowth, black sagebrush and shadscale.
	Grazing, poor to fair growth of gramma, bunch and sand grass.
	From the reestablished cor. of secs. 30 and 31, on the W. bdy. of the Tp.,
	S. 89° 18' E., bet. secs. 30 and 31.
	Over nearly level top of bench, through heavy growth of timber and scattering undergrowth; gradual descent of 65 ft.
3.20	Telephone line, bears N. 63° 45' E. to Price, Utah and S. 63° 45' W. to Hiawatha, Utah.
4.40	State highway No. 122, paved, from Price to Hiawatha, Utah, parallels the telephone line.
5.00	Electric power line from Hiawatha to the Millerton ranch in sec. 28 in this township, parallels the telephone line.
16.30	Road, bears NE. and SW. about 1 ch. dist. to junction with old road, bearing E. and W.
36.60	E. edge of bench, bears N. 70° E. and S. 70° W.; leave heavy timber, bears same as edge of bench, and enter scattering; desc. 110 ft. to $\frac{1}{4}$ sec. cor., over rough SE. slope.
39.41	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x9x7 ins., marked $\frac{1}{4}$ on N. face, loosely set 8 ins. in the ground and surrounded by a small mound of stone, and from which
	A cedar, partly dead, 9 ins. diam., bears N. 47° 20' E., 78 lks. dist., marked $\frac{1}{4}$ S B T.
	A pinon pine stump, 6 ins. diam., bears N. 87° 25' E., 21 lks. dist.
	The remainder of this tree is lying on top of ground and marked $\frac{1}{4}$ S B T.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S30
	S31
	1940
	from which
	A pinon pine, 8 ins. diam., bears S. 66° 37' E., 145 lks. dist., marked $\frac{1}{4}$ S 31 B T.
	A pinon pine, 5 ins. diam., bears N. 23° 10' W., 186 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	Thence,
	S. 89° 50' E., with continuous measurement.
49.30	Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, 50 ft. below $\frac{1}{4}$ sec. cor., drains SE. about 7 chs. dist., thence S.; asc. SW. slope 75 ft.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains	
57.30	W. edge of bench, bears NW. and SE.; gradual ascent of 15 ft. across top.
58.70	E. edge of bench, bears NE. and SW.; desc. broken SE. slope 75 ft.
63.50	Wagon road, bears N. and S.
68.50	Draw, drains S.; asc. 70 ft.
77.60	Top of ascent on NW. slope; enter a heavy growth of timber, bears NW. and SE.; gradual descent of 10 ft. to
79.74	Intersect the cor. of secs. 29, 30, 31, and 32.
	Land, nearly level, and rolling, rough and broken, draining generally SE.; sandstone formation.
	Soil, rocky and shallow red sand, sandy clay and gray clay, 3rd and 4th rate.
	Timber, cedar and pinon pine.
	Undergrowth, black sagebrush and shadscale.
	Grazing, a fair growth of bunch and sand grass.
	N. 0° 14' E., bet. secs. 29 and 30.
	Desc. gradual general N. slope 45 ft., through a heavy growth of timber and scattering undergrowth.
6.30	Wagon road, bears E. and W.
7.20	Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, near head, drains E.; gradual ascent of 10 ft., over S. slope.
8.30	S. edge of bench, bears E. and W.; asc. gradually 10 ft., over nearly level top.
14.20	Electric power line bears N. 84° 24' E. to the Millerton ranch in sec. 28 in this township, and S. 84° 24' W. to Hiawatha, Utah.
14.50	State highway No. 122, paved, bears N. 84° 38' E. to Price and S. 84° 38' W. to Hiawatha.
14.90	Telephone line, bears N. 84° 24' E. to Price, Utah, and S. 84° 24' W. to Hiawatha, Utah.
17.70	N. edge of bench, bears E. and W.; desc. general N. slope 130 ft.
24.40	Leave timber, bears E. and W.
25.10	Enter a heavy growth of timber, bears E. and W.
29.40	Leave timber, bears E. and W.
29.90	Wagon road, bears E. to State highway No. 122 and W. to the Falsone ranch in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 30.
31.30	S. bank of Miller Creek wash, 20 ft. high, bears NW. and E.; wash is located in bottom of hollow.
32.40	Miller Creek, muddy water, 10 lks. wide, 6 ins. deep, course E.
34.50	N. bank of Miller Creek wash, 5 ft. high, bears NW. and E.; gradual ascent of 30 ft. to $\frac{1}{4}$ sec. cor., over S. slope.
38.30	Irrigation ditch, 6 lks. wide, 2 ft. deep, drains from SW. to NE.
39.10	Enter scattering timber.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

40.48

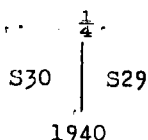
Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 23x10x8 ins., marked $\frac{1}{4}$ on W. face, firmly set 12 ins. in the ground and surrounded by a small mound of stone, and from which

A cedar, dead, 6 ins. diam., bears S. 40° 50' E., 24 lks. dist., marked $\frac{1}{4}$ S B T.

The original bearing tree in sec. 30 is dead and lying on top of ground.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon pine, 10 ins. diam., bears S. 38° 15' E., 35 lks. dist., marked $\frac{1}{4}$ S 29 B T.

A pinon pine, 12 ins. diam., bears S. 11° 05' W., 91 lks. dist., marked $\frac{1}{4}$ S 30 B T.

From this cor. the NE. cor. of Dominick Falsone's ranch house bears S. 55° 48' W., 18.17 chs. dist.; from the same $\frac{1}{4}$ sec. cor., a spring, which flows a stream of clear water, slightly alkaline, 1 lk. wide, 2 ins. deep, easterly, bears S. 57° 42' W., 6.35 chs. dist.; also, from the same $\frac{1}{4}$ sec. cor., a spring, which flows a stream of clear water, slightly alkaline, 1 lk. wide, 1 in. deep, easterly, bears S. 73° 23' W., 10.92 chs. dist.

Thence,

N. 0° 52' E., with continuous measurement.

41.70 Spur, 15 ft. above $\frac{1}{4}$ sec. cor., slopes S. 70° W., about 3 chs. dist.; gradual descent of 20 ft.

44.60 Old railroad grade, bears east to Price, Utah, and N. 30° W. to Hiawatha, Utah.

47.70 Same irrigation ditch as noted at 38.30 chs., drains from NE. to SW.

53.20 Same irrigation ditch, drains from N. 20° W. to S. 20° E.

56.20 Same irrigation ditch, drains from NE. to SW.

67.00 Stream of muddy water, 5 lks. wide, 3 ins. deep, from reservoir N. 60° W., in bottom of swale, course S. 60° E.; asc. gradual general S. slope 60 ft. to sec. cor.

67.80 From this station, the top of a reservoir dam bears west 6.30 chs. dist.; from the W. end of the tie line, the dam bears northeasterly 9.40 chs. dist. and southwesterly 4.40 chs. dist.

81.05 Intersect the original cor. of sec. 19, 20, 29, and 30, which is a sandstone, 20x12x10 ins., marked with 2 notches on S. and 5 notches on E. edges, loosely set 6 ins. in the ground and surrounded by a small mound of stone, and from which

A cedar, 10 ins. diam., bears N. 61° 15' E., 29 lks. dist., marked T 15 S R 9 E S 20 B T.

A pinon pine, 9 ins. diam., bears S. 12° 30' E., 39 lks. dist., marked T 15 S R 9 E S 29 B T.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

A pinon pine, 14 ins. diam., bears N. 21° 15' W., 52 lks. dist., marked T 15 S R 9 E S 19 B T.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T15SR9E

S19|S20

S30|S29

1940

from which

A pinon pine, 10 ins. diam., bears S. 62° 05' W., 72 lks. dist., marked T 15 S R 9 E S 30 B T.

Land, nearly level, rolling, and broken, draining easterly; sandstone and shale formation.

Soil, red sand, sandy clay, and gray and blue clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, salt brush, and white sage.

Grazing, poor to fair growth of gramma, bunch, and sand grass.

From the cor. of secs. 20, 21, 28, and 29,

N. 89° 27' W., bet. secs. 20 and 29.

Over gently rolling top of bench, through medium dense undergrowth; gradual ascent of 15 ft.

11.90 Four strand barbed wire fence, bears N. and S.; enter a medium heavy growth of timber, bears N. and S.

12.80 W. edge of bench, bears N. and S. 20° W.; desc. 50 ft.

15.70 Draw, drains N.; asc. 70 ft.

20.00 A concrete monument, pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, projecting 2½ ft. above ground, marked U S F on S. and E. faces, and firmly set and surrounded by a mound of stone, 6 ft. base, 2 ft. high, bears South, 13 lks. dist.

21.20 E. edge of bench, bears N. 20° E., and S. 20° W.; leave timber, bears same as edge of bench; over nearly level top.

31.90 W. edge of bench, bears N. 20° E., and S. 20° W.; desc. NW. slope 85 ft. to

39.83 Proportionate point; there is no evidence of the original corner monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S20

S29

1940

raise a mound

of stone, 3 ft. base, 1½ ft. high, N. of cor.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

- 40.90 Draw; 15 ft. below $\frac{1}{4}$ sec. cor., drains NE.; asc. abrupt NE. slope 160 ft.
- 53.10 Spar, projects S. 30° E. approximately 10 chs. dist.; desc. 25 ft.
- 58.80 Draw, drains S. 30° E.; steep ascent of 135 ft., over rough NE. slope.
- 61.70 Top of nearly perpendicular ledge or E. rim of bench, 50 ft. high, bears NW. and SE.; enter a medium heavy growth of timber, bears same as rim of bench; over gently rolling and rolling top to
- 79.66 Intersect the cor. of secs. 19, 20, 29, and 30, 60 ft. above E. rim of bench.
- Land, nearly level, rolling, rough and broken, draining generally E. and NE.; sandstone and shale formation.
- Soil, red sand, sandy clay, and varied colored clays, 3rd to 4th rate.
- Timber, cedar and pinon pine.
- Undergrowth, shadescale, black sagebrush, salt brush and white sage.
- Grazing, poor to fair growth of gramma, bunch and sand grass.
-
- From the reestablished cor. of secs. 19 and 30, on the W. bdy. of Tp., S. 89° 59' E., bet. secs. 19 and 30.
- Over rolling and broken land, through medium dense undergrowth; desc. gradual SE. slope 15 ft.
- 6.10 Wash, 90 lks. wide, 12 ft. deep, in the bottom of draw, drains SE.; asc. abrupt SW. slope 250 ft.
- 4.50 Enter scattering timber.
- 24.70 W. edge of top of mesa, bears NW. and SE.; enter a medium heavy growth of timber, bears NW. and SE.; desc. gradually 20 ft. across top.
- 29.50 E. edge of top of mesa, bears NW. and SE.; desc. 220 ft. to $\frac{1}{4}$ sec. cor., over abrupt NE. slope.
- 40.01 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 22x12x10 ins., marked $\frac{1}{4}$ on N. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and from which
- A pinon pine limb, dead, 10 ins. diam., bears S. 8° 40' E., 45 lks. dist., marked $\frac{1}{4}$ S B T.
- A pinon pine, 8 ins. diam., bears N. 2° 00' W., 26 lks. dist., marked $\frac{1}{4}$ S B T.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S19

 $\frac{1}{4}$

830

1940

from which

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

antidote

Chains

A pinon pine, 9 ins. diam., bears S. $76^{\circ} 55'$ E., 74 lks. dist., marked $\frac{1}{2}$ S 30 B T.

To the markings on the bearing tree in sec. 19, I add the number of the sec.

Thence,

S. $89^{\circ} 35'$ E., with continuous measurement.

47.30 Leave timber, bears NW. and SE.

55.30 Wash, 50 lks. wide, 6 ft. deep, in the bottom of gale, 95 ft. below $\frac{1}{2}$ sec. cor., drains SE.; gradual ascent of 15 ft., over SW. slope.

64.30 Enter a medium heavy growth of timber, bears NW. and SE.

76.60 Spur, slopes SE. about 3 chs. dist.; desc. SE. slope 20 ft. to

80.35 Intersect the cor. of secs. 19, 20, 29, and 30.

Land, rolling, rough and broken, draining SE.; sandstone and shale formation.

Soil, red sand, sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, salt brush, greasewood and cotton brush.

Grazing, poor to fair growth of gramma, bunch and sand grass.

N. $1^{\circ} 35'$ W., bet. secs. 19 and 20.

Over rolling, rough and broken land, through scattering timber and undergrowth; asc. general SE. slope 120 ft.

6.30 Spur, slopes S. 80° E. about 6 chs. dist.; leave timber; desc. abrupt broken NE. slope 405 ft.

11.70 Top of nearly perpendicular rim of ledges, 20 ft. high, bears NW. and SE. about 6 chs. dist., thence northeasterly.

20.30 Enter scattering timber.

36.60 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, drains E.; asc. gradually 60 ft. to $\frac{1}{2}$ sec. cor., over SW. slope.

37.00 Leave timber.

40.11 Intersect the original $\frac{1}{2}$ sec. cor., which is a shale stone, 20x5x5 ins., loosely set 8 ins. in the ground, faintly marked $\frac{1}{2}$ on W. face, and from which

A pinon pine, dead, 12 ins. diam., bears N. $54^{\circ} 45'$ W., 62 lks. dist., marked $\frac{1}{2}$ S B T.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{2}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

S19

S20

1940

from which

A pinon pine, 8 ins. diam., bears S. 1° 45' E., 416 lks.
dist., marked $\frac{1}{4}$ S 20 B T.

A pinon pine, 10 ins. diam., bears S. 82° 00' W., 232 lks.
dist., marked $\frac{1}{4}$ S 19 B T.

Thence,

N. 0° 21' E., with continuous measurement:

41.80 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects S. 80° E. approximately 15
chs. dist.; desc. 75 ft.

46.60 Wash, 30 lks. wide, 3 ft. deep, in the bottom of draw, drains
S. 80° E.; asc. 95 ft.

57.10 Ridge, bears S. 70° E. and W.; desc. 100 ft.

64.00 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains E.; asc.
85 ft.

71.00 Spur, projects S. 70° E. about 15 chs. dist.; desc. 75 ft.

75.00 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains
S. 70° E.; asc. SW. slope 45 ft. to

79.94 Intersect the original cor. of secs. 17, 18, 19, and 20, which is a
sandstone, 20x10x5 ins., loosely set, 9 ins. in the ground, marked with
3 notches on S. and 5 notches on E. edges, and from which

A cedar, 10 ins. diam., bears N. 41° 30' E., 41 lks.
dist., marked T 15 S R 9 E S 17 B T.

A pinon pine, 8 ins. diam., bears S. 75° 23' E., 48 lks.
dist., marked T 15 S R 9 E S 20 B T.

I am unable to find any evidence of the original bearing tree in sec.
18.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,
with the original stone deposited at the base, for cor. of secs. 17,
18, 19, and 20, with brass cap marked

T15SR9E

S18|S17

S19|S20

1940

from which

A pinon pine, 7 ins. diam., bears S. 89° 00' W., 351 lks.
dist., marked T 15 S R 9 E S 19 B T.

A cedar, 6 ins. diam., bears N. 11° 30' W., 78 lks.
dist., marked T 15 S R 9 E S 18 B T.

Land, rolling, rough and broken, draining easterly and southeasterly;
sandstone and shale formation.

Soil, shallow red sand and gray and blue clay, 4th rate.

Timber, cedar and pinon pine.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

entradO

Chains

Undergrowth, shadscale, salt brush, white sage and greasewood.
Grazing, a sparse growth of gramma and bunch grass.

From the cor. of secs. 16, 17, 20, and 21, nearly
S. 89° 49' W., bet. secs. 17 and 20.

Asc. rolling SE. slope 45 ft., through scattering timber and undergrowth.

8.70 Spur, slopes NE. about 5 chs. dist.; desc. 15 ft.

10.10 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, draining NE.; asc. 70 ft. to $\frac{1}{4}$ sec. cor., across small spurs and draws, putting NE.

40.20 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 16x8x7 ins. loosely set 7 ins. in the ground and surrounded by a small mound of stone, and marked $\frac{1}{4}$ on N. face, with no evidence of other accessories

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S17

S20

1940

of stone, 4 ft. base, 2 ft. high, N. of cor.

No trees are available suitable for marking.

Thence,

N. 89° 37' W., with continuous measurement.

41.40 Ridge, 10 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. 15 ft.

43.00 State highway No. 50, graveled and graded, bears N. 28° 00' W. to Wattis, Utah, and S. 28° 00' E. to State highway No. 122.

43.80 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. 45 ft.

49.10 Spur, projects SE. about 12 chs. dist.; desc. 30 ft.

53.60 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, heads NW. approximately 15 chs. dist., drains SE.; asc. 115 ft.

63.00 Spur, projects SE. about 25 chs. dist.; desc. SW. slope 95 ft. to

80.41 Intersect the cor. of secs. 17, 18, 19, and 20.

Land, rolling and broken, draining generally SE.; sandstone and shale formation.

Soil, red sandy clay and gray and blue clay, 4th rate.

Timber, sparse to scattering cedar and pinon pine,

Undergrowth, shadscale, salt brush, greasewood, cotton brush and white sage.

Grazing, poor growth of gramma grass.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

From the reestablished cor. of secs. 18 and 19, on the W. bdy. of the T. 15 S., R. 9 E., bet. secs. 18 and 19.

Desc. gradually 15 ft., over nearly level NE. slope, through scattering timber and undergrowth.

6.90 Wash, 30 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 35 ft.

12.30 Spur, slopes SE. about 4 chs. dist.; desc. gradually 130 ft. to witness $\frac{1}{4}$ sec. cor., along rolling and broken northeasterly slope.

39.33 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

S18
 $\frac{1}{4}$ — WC
 S19
 1940

from which

A pinon pine, 7 ins. diam., bears N. $51^{\circ} 10'$ E., 47 lks. dist., marked W C $\frac{1}{4}$ S 18 B T.

A pinon pine, 7 ins. diam., bears S. $44^{\circ} 20'$ E., 91 lks. dist., marked W C $\frac{1}{4}$ S 19 B T.

39.54 Proportionate point; unable to find the original cor. monument or the bearing tree in sec. 18. The bearing tree in sec. 19 is dead and nearly uprooted, but plainly marked $\frac{1}{4}$ S B T. I was unable to find the original position of tree. The proportionate point falls on steep NE. slope, which is rapidly eroding and breaking away, making the establishment of a cor. monument impracticable and unsafe.

67.40 W. bank of wash, 4 ft. high, bears NW. and SE.; wash in bottom of draw, 105 ft. below witness $\frac{1}{4}$ sec. cor., draining SE.

68.40 E. bank of wash, 4 ft. high, bears NW. and SE.; asc. gradual SW. slope 25 ft. to sec. cor.

68.60 Leave timber.

78.90 Intersect the cor. of secs. 17, 18, 19, and 20.

Land, rolling and broken, draining generally SE.; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 4th rate.

Timber, scattering to medium heavy growth of cedar and pinon pine.

Undergrowth, shadscale, salt brush, white sage and cotton brush.

Grazing, poor to fair growth of grama grass.

N. $0^{\circ} 06'$ W., bet. secs. 17 and 18.

Asc. SE. slope 140 ft., through scattering undergrowth.

9.20 Spur, projects S. 70° E.; desc. 95 ft.

16.30 Enter scattering timber.

26.90 State highway No. 50, graveled and graded, bears NW. to Wattis, Utah,

I

DEPARTMENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

sailed

and SE. to State highway No. 122.

34.90

Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; as gradual S. slope 60 ft. to

39.98

Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 14x7x5 ins. loosely set 7 ins. in the ground, marked $\frac{1}{4}$ on W. face and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 818 | 817

1940

from which

A pinon pine, 12 ins. diam., bears S. 67° 20' W., 157 lks.
 dist., marked $\frac{1}{4}$ S 18 B T.

There are no available trees suitable for marking in sec. 17; therefore, I raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Thence,

N. 0° 49' E., with continuous measurement.

44.30

Spur, from W., 45 ft. above $\frac{1}{4}$ sec. cor., projects S. 80° E.; desc. NE. slope 175 ft.

55.10

Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains E.; asc. 60 ft.

61.30

Spur, from W., projects S. 70° E. about 15 chs. dist.; desc. 65 ft.

66.70

Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 70° E.; asc. SW. slope 50 ft.

69.90

S. edge of bench, bears N. 70° W. and S. 70° E.; over nearly level top

71.50

Wagon and automobile road, bears west to Wattis, Utah, and S. 70° E. to State highway No. 50.

79.00

N. edge of bench, bears NW. and SE.; desc. NE. slope 10 ft. to

80.82

Intersect the original cor. of secs. 7, 8, 17, and 18, which is a sandstone, 20x7 ins., marked with 4 notches on S. and 5 notches on E. edges, and firmly set 10 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

This cor. pertains to secs. 17 and 18 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 17 and 18, with brass cap marked

87
 818 | 817

T15SR9E

1940

from which

A pinon pine, 8 ins. diam., bears S. 78° 45' E., 83 lks.
 dist., marked T. 15 S. R. 9 E. S. 17 B T.

There are no trees available in sec. 18; therefore, I raise a mound of stone, 4 $\frac{1}{2}$ ft. base, 3 ft. high, S. of cor.

DEPARTMENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

From this cor., the SE. cor. of Peter Frankson's house bears N. 54° 23' W. 10.57 chs. dist.

Land, nearly level, and rolling and broken, draining SE.; sandstone and shale formation.

Soil, red sand, sandy clay, and gray and blue clay, 4th rate.

Timber, sparse to scattering cedar and pinon pine.

Undergrowth, shadscale, salt brush, black sagebrush and greasewood.

Grazing, poor to fair growth of gramma and bunch grass.

From the cor. of secs. 8, 9, 16, and 17,

N. 89° 17' W., along the N. bdy. of sec. 17.

Asc. gradual NE. slope 30 ft., through scattering timber and undergrowth.

5.30 Leave timber.

10.40 E. edge of bench, bears NW. and SE.; asc. gradually 30 ft. to $\frac{1}{4}$ sec. cor. of sec. 8, across nearly level top.

39.84 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone, 9x8x3 ins., mkd. X deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap marked.

$\frac{1}{4}$ S8

1940

40.35 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 13x9x7 ins., marked $\frac{1}{4}$ on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone; but no evidence of other accessories.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 17 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 17, with brass cap marked

$\frac{1}{4}$ S17

1940

from which

A pinon pine, 12 ins. diam., bears S. 67° 25' W., 455 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A pinon pine, 8 ins. diam., bears S. 79° 21' W., 377 lks. dist., marked B T.

This tree is too scrubby to permit the full marking.

Thence,

S. 89° 57' W., with continuous measurement.

63.20 W. edge of bench, 25 ft. above $\frac{1}{4}$ sec. cor. of sec. 17, bears NW. and SE.; desc. SW. slope 55 ft.

72.30 Wash, 60 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; scattering timber along bottom of draw; asc. NE. slope 80 ft. to the cor. of secs. 17 and 18.

79.58 Intersect the closing cor. of secs. 7 and 8, 75 ft. above wash.

80.58 Intersect the cor. of secs. 17 and 18.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Land, bench with nearly level and gently rolling top and rolling and broken slopes; sandstone and shale formation; drainage SE.

Soil, red sand, sandy clay, and gray and blue clay, 2nd to 4th rate.

Timber, sparse to scattering cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sage.

Grazing, poor to good growth of gramma and bunch grass.

From the reestablished cor. of secs. 7 and 18, on the W. bdy. of the Tp.,

N. 89° 44' E., bet. secs. 7 and 18.

Desc. gradually 105 ft. to $\frac{1}{4}$ sec. cor. of sec. 18, across nearly level and gently rolling top of bench, through medium dense undergrowth.

38.66 Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x11x8 ins., marked $\frac{1}{4}$ on N. face, and firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

This $\frac{1}{4}$ sec. cor. now pertains to sec. 18 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 18, with brass cap marked

$\frac{1}{4}$ S18

1940

from which

A cedar, 5 ins. diam., bears S. 67° 05' E., 256 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A cedar, 6 ins. diam., bears S. 74° 15' E., 211 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Thence,

S. 89° 29' E., with continuous measurement.

39.86 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked

$\frac{1}{4}$ S7

1940

from which

A pinon pine, 9 ins. diam., bears N. 26° 18' E., 255 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 3 ins. diam., bears N. 77° 15' W., 304 lks. dist., marked B T.

47.60 Wagon road, bears N. 20° W. and S. 20° E. to the old wagon and automobile road from Wattis, Utah to State highway No. 50.

70.30 Wagon road, bears N. to Frandsen's ranch house in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 7, and S. about 1 ch. dist., thence southeasterly to the old wagon and automobile road from Wattis to State highway No. 50.

76.70 E. edge of bench, 105 ft. below $\frac{1}{4}$ sec. cor. of sec. 18, bears NW. and SE.; desc. gradual NE. slope 15 ft. to

78.92 Intersect the cor. of secs. 17 and 18.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Land, nearly level and gently rolling, draining SE.; sandstone and shale formation.

Soil, shallow and rocky red sand and sandy clay, 2nd to 4th rate.

Timber, sparse cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sage.

Grazing, fair growth of gramma and bunch grass.

DEPENDENT RESURVEY OF A PORTION OF
THE SUBDIVISION OF T. 15 S., R. 9 E.
AS ORIGINALLY SURVEYED BY

CLARENCE S. JARVIS, U. S. DEPUTY SURVEYOR, IN 1910

Commence the subdivisional dependent resurvey at the reestablished cor. of secs. 9, 10, 15, and 16.

N, 0° 02' W., bet. secs. 9 and 10.

Asc. gentle S. slope 50 ft., through scattering undergrowth.

5.80 Enter a heavy growth of timber, bears SE. and W.

11.10 Top of knoll, bears E. about 8 chs. dist. and W. approximately 5 chs. dist.; desc. rough and broken NE. slope 130 ft.

14.40 Rim of nearly perpendicular ledges, 15 ft. high, bears NW. and E.; leave timber, bears NW. and E.

22.50 Wash, 40 lks. wide, 3 ft. deep, in the bottom of gulch, drains S. 60° E.; asc. abrupt, rough and broken SW. slope 115 ft.

29.30 Top of nearly perpendicular ledge or S. rim of bench, 45 ft. high, bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; asc. gradually 10 ft. to $\frac{1}{2}$ sec. cor., over gently rolling top.

39.59 Intersect the original $\frac{1}{2}$ sec. cor., which is an iron post, 1 in. diam., projecting 2 ft. above ground, loosely set, correctly marked and from which

A cedar, partly dead, 9 ins. diam., bears N. 67° 00' E., 20 lks. lks. dist., marked S 10 B T.

A pinon pine, 14 ins. diam., bears S. 60° 30' W., 21 lks. dist., marked S 9 B T.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked

S9 S10

1940

from which

A pinon pine, 9 ins. diam., bears S. 43° 00' E., 64 lks. dist., marked $\frac{1}{2}$ S 10 B T.

Thence,

N. 0° 03' W., with continuous measurement.

53.80 Wagon road, bears NW. and SE.

59.80 Top of ascent or low ridge, 95 ft. above $\frac{1}{2}$ sec. cor., bears E. and W.; gradual descent of 35 ft.

64.40 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, heads NW.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

about 4 chs. dist., drains SE.; asc. gently rolling S. slope 50 ft. to sec. cor.

78.30 Leave heavy timber, bears E. and W., and enter scattering patches.

79.36 Intersect the original cor. of secs. 3, 4, 9, and 10, which is an iron post, 2 ins. diam., projecting 2 ft. above ground, loosely set with brass cap marked

T15SR9E

S4|S3

S9|S10

1910

from which

A pinon pine, 8 ins. diam., bears N. 36° 30' E., 83 lks. dist., marked T 15 S R 9 E S 3 B T.

A pinon pine, 13 ins. diam., bears S. 87° 02' E., 240 lks. dist., marked T 15 S R 9 E S 10 B T.

A pinon pine, 10 ins. diam., bears S. 49° 50' W., 92 lks. dist., marked T 15 S R 9 E S 9 B T.

A cedar, 6 ins. diam., bears N. 81° 35' W., 83 lks. dist., marked T 15 S R 9 E S 4 B T.

I change the year from 1910 to 1940 on the brass cap markings, and construct a mound of stone, 4 ft. base, 2 ft. high, around iron post

Land, rolling, rough and broken, draining SE.; sandstone formation.

Soil, red sand, sandy clay and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, salt brush and yellow top.

Grazing, poor to fair growth of gramma, bunch and sand grass.

From the reestablished cor. of secs. 2, 3, 10, and 11,

N. 89° 47' W., bet. secs. 3 and 10.

Over nearly level top of bench, through medium heavy timber and scattering undergrowth.

8.40 W. edge of nearly perpendicular rim of bench, 50 ft. high, bears N. 60° W. and S. 60° E.; leave timber, bears same as rim of bench; desc. abrupt SW. slope 125 ft.

17.00 Wash, 25 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; steep ascent of 155 ft., over NE. slope to

23.40 Top of nearly perpendicular rim of shelf or bench, 50 ft. high, bears NW. and SE.; asc. 120 ft. across top, through scattering timber.

34.30 Top of nearly perpendicular rim of shelf or bench, 25 ft. high, bears N. 20° W. and SE.; asc. 25 ft. to $\frac{1}{2}$ sec. cor., across top.

41.03 Intersect the original $\frac{1}{2}$ sec. cor., which is an iron post, 1 in. diam., projecting 2 $\frac{3}{4}$ ft. above ground, loosely set, correctly marked and from which

A pinon pine, 9 ins. diam., bears N. 79° 42' E., 148 lks. dist., marked $\frac{1}{2}$ S 3 B T.

A pinon pine, dead, 12 ins. diam., bears S. 50° 40' E., 142 lks. dist., marked $\frac{1}{2}$ S 10 B T.

At point for cor.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

Reset the iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S3 \\ \frac{1}{4} \\ \hline S10 \\ 1940 \end{array}$$

from which

A pinon pine, 8 ins. diam., bears S. $77^{\circ} 25'$ E., 138 lks. dist., marked $\frac{1}{4}$ S 10 B T.

Thence, on same line with continuous measurement.

Begin more abrupt ascent of 210 ft., over rough NE. slope.

46.40 Top of knoll, bears NW. approximately 12 chs. dist. and SE. about 1 ch. dist.; desc. steep rough SW. slope 195 ft.

63.90 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains S.; asc. 40 ft.

69.90 Spur, projects S. about 10 chs. dist.; desc. W. slope 30 ft. to

80.95 Intersect the cor. of secs. 3, 4, 9, and 10.

Land, rolling, rough and broken, draining SE.; sandstone and shale formation.

Soil, shallow, rocky red sandy clay and varied colored clays, 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, salt brush and white sage.

Grazing, poor growth of gramma and bunch grass.

N. $0^{\circ} 03'$ W., bet. secs. 3 and 4.

Asc. rolling and broken general S. slope 75 ft., through medium heavy timber and scattering undergrowth.

14.10 Ridge, bears E. and W.; desc. rough and broken N. slope 60 ft.

34.70 Wash, 15 lks. wide, 3 ft. deep, in bottom of draw, heads W. about 7 chs. dist., drains E.; asc. 45 ft. to $\frac{1}{4}$ sec. cor., over abrupt rough SE. slope.

39.92 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting $2\frac{1}{2}$ ft. above ground, loosely set, correctly marked, and from which

A pinon pine, dead, 6 ins. diam., bears S. $39^{\circ} 08'$ E., 7 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A cedar, 9 ins. diam., bears N. $72^{\circ} 55'$ W., 59 lks. dist., marked $\frac{1}{4}$ S 4 B T.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a mound of stone, $4\frac{1}{2}$ ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S4 \quad S3 \\ 1940 \end{array}$$

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

at 100 ft. mark on 1/4 sec. cor. 1, sec. 3, from which
A pinon pine, 8 ins. diam., bears N. 77° 15' E., 24 lks.
dist., marked 1/4 S 3 B T.

Thence,

N. 0° 05' W., with continuous measurement.

51.10 S. edge or rim of bench, 290 ft. above 1/4 sec. cor., bears N. 80° E. and S. 80° W.; enter heavy timber, bears N. 80° E. edge of bench; gradual descent of 35 ft., over nearly level top.

74.20 N. edge of rim of bench, bears N. 70° E. and S. 70° W.; timber becomes more scattering, bearing same as edge of bench; desc. abrupt NW. slope 210 ft.

81.00 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains N. 70° E.; asc. steep SE. slope 25 ft. to

81.61 Intersect the N. bdy. of the Tp. at the original closing cor. of secs. 3 and 4, east 2.54 chs. dist. from the restored true point for cor. of secs. 33 and 34, T. 14 S., R. 9 E.

The original closing cor. of secs. 3 and 4 is an iron post, 2 ins. diam., projecting 2 ft. above ground, loosely set, correctly marked, and from which

A cedar, dead, 6 ins. diam., bears S. 17° 05' E., 44 lks.
dist., marked T 15 S R 9 E S 3 C C B T.

I am unable to find any evidence of the original bearing tree in sec. 4.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap marked

T14SR9E

834

S4 S3

T15SR9E

CC

1940

from which

A pinon pine, 10 ins. diam., bears S. 40° 15' E., 183 lks.
dist., marked T 15 S R 9 E S 3 C C B T.

A cedar, 12 ins. diam., bears S. 38° 25' W., 123 lks.
dist., marked T 15 S R 9 E S 4 C C B T.

Land, nearly level, rolling, abrupt and rough; sandstone and shale formation; drainage S., S. 51.10 chs.; NE., N. 30.51 chs.

Soil, red sand, sandy clay and varied colored clays, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, salt brush and yellow top.

Grazing, fair growth of grama, bunch and sand grass.

From the reestablished cor. of secs. 8, 9, 16, and 17,

North, bet. secs. 8 and 9.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

- Desc. rolling and broken NE. slope 20 ft., through medium heavy timber and scattering undergrowth.
- 2.50 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, drains S. 60° E.; gradual ascent of 40 ft.
- 12.90 Spur, slopes SE. about 3 chs. dist.; desc. NE. slope 25 ft.
- 17.70 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains SE.; gradual ascent of 50 ft.
- 35.60 Top of ascent on E. slope; desc. 10 ft.
- 35.90 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, from NW., drains SE.; gradual ascent of 10 ft. to $\frac{1}{4}$ sec. cor., along or near bottom of draw.
- 37.80 Same wash as noted at 35.90 chs., drains from NE. to SW.
- 39.20 Same wash as noted at 35.90 chs., drains from NE. to SE.
- 39.88 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting $1\frac{1}{2}$ ft. above ground, loosely set, correctly marked, and from which
- A pinon pine, 6 ins. diam., bears S. 24° 30' E., 217 lks. dist., marked $\frac{1}{4}$ S 9 B T.
- A pinon pine, 10 ins. diam., bears N. 9° 30' W., 5 lks. dist., marked $\frac{1}{4}$ S 8 B T.
- At point for cor.
- Reset the iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked
- S8 | S9
1940
- Thence,
- N. 0° 04' W., with continuous measurement.
- 40.50 Leave timber, bears NE. and SW.
- 67.30 Top of ascent on SE. slope, 75 ft. above $\frac{1}{4}$ sec. cor.; desc. 15 ft.
- 71.60 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; gradual ascent of 10 ft.
- 77.50 Spur, projects S. 25° E. approximately 25 chs. dist.; enter a medium heavy growth of timber, bears N. 25° W. and S. 25° E.; desc. gradual NE. slope 10 ft. to
- 79.76 Intersect the original cor. of secs. 4, 5, 8, and 9, which is an iron post, 2 ins. diam., projecting $1\frac{1}{2}$ ft. above ground, loosely set, correctly marked, and from which
- A pinon pine, 7 ins. diam., bears N. 41° 15' E., 15 lks. dist., marked T 15 S R 9 E S 4 B T.
- A cedar, 9 ins. diam., bears S. 31° 23' E., 12 lks. dist., marked T 15 S R 9 E S 9 B T.
- A pinon pine, 9 ins. diam., bears S. 18° 25' W., 48 lks. dist., marked T 15 S R 9 E S 8 B T.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

A pinon pine, 5 ins. diam., bears N. $33^{\circ} 24'$ W., 13 lks.
dist., marked T 15 S R 9 E S 5 B T.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T15SR9E
S5|S4
S8|S9
1940

Land, rolling and broken, draining SE.; sandstone formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top, salt brush, and white sage.

Grazing, fair growth of gramma, bunch, and sand grass.

From the cor. of secs. 3, 4, 9; and 10,

S. $89^{\circ} 56'$ W., bet. secs. 4 and 9.

Desc. gradually 25 ft., over rolling general S. slope, through scattering timber and undergrowth.

5.60 Wagon road, bears NW. and SE.

9.00 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S.; gradual ascent of 15 ft.

10.70 Wagon road, bears NE. about 1 ch. dist., thence easterly, and SW.

20.10 Spur, projects S. 10° E. about 5 chs. dist.; desc. 45 ft.

30.60 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains S. 30° E.; asc. 25 ft. to $\frac{1}{4}$ sec. cor., over gradual NE. slope.

31.10 Enter a medium heavy growth of timber, bears NW. and SE.

40.14 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam. projecting $2\frac{1}{2}$ ft. above ground, loosely set, and correctly marked, but no evidence of accessories.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S4
 $\frac{1}{4}$ —
S9
1940

from which

A cedar, 9 ins. diam., bears S. $57^{\circ} 00'$ W., 401 lks.
dist., marked $\frac{1}{4}$ S 9 B T.

A pinon pine, 7 ins. diam., bears N. $55^{\circ} 10'$ W., 415 lks.
dist., marked $\frac{1}{4}$ S 4 B T.

Thence, on same line with continuous measurement.

DEPENDENT RESERVE OF THE SUBDIVISION OF T. 15 S., R. 9 E.

- Chains
48.60 Wash, 15 lks. wide, 1 ft. deep, drains S. 20° E.
- 50.40 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects S. 20° E. approximately 6 chs. dist.; desc. 15 ft.
- 52.30 Wash, 25 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. 95 ft.
- 67.60 Spur, projects S. 20° E. about 25 chs. dist.; desc. 45 ft.
- 79.70 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 20° E.; asc. NE. slope 15 ft.
- 80.24 Intersect the cor. of secs. 4, 5, 8, and 9,
Land, rolling, rough and broken, draining SE.; sandstone formation.
Soil, shallow and rocky red sand, sandy clay and varied colored clays, 3rd and 4th rate.
Timber, cedar and pinon pine.
Undergrowth, black sagebrush, shadscale, yellow top, salt brush, mountain rush and white sage.
Grazing, a fair growth of gramma, bunch and sand grass.

N. 0° 03' W., bet. secs. 4 and 5.

Desc. broken NE. slope 10 ft., through medium heavy timber and scattering undergrowth.

- 1.20 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 20° E.; asc. rough and broken SW. slope 185 ft.
- 20.40 Spur, projects S. 20° E.; desc. 20 ft.
- 21.40 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SE.; asc. broken SW. slope 345 ft. to $\frac{1}{4}$ sec. cor.
- 32.50 Ascent becomes rough and abrupt, slope changing from SW. to S.; leave medium heavy growth of timber, bears NW. and SE., and enter scattering.
- 40.06 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting 2 ft. above ground, loosely set, correctly marked, and from which

A pinon pine, 9 ins. diam., bears S. 6° 00' E., 57 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon pine, 5 ins. diam., bears S. 37° 30' W., 38 lks. dist., marked $\frac{1}{4}$ S 5 B T.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 4 $\frac{1}{2}$ ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$

85 | 84

1940

This cor. stands on top of the S. edge or rim of bench, bearing N. 80° E. and S. 80° W.

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, T. 14 S., R. 9 E.

Chains

Thence, with continuous measurement, Desc. gradually 10 ft., over gently rolling top, through heavy timber N. edge or rim of bench, bears N. 70° E. and S. 70° W.; desc. abrupt, rough and broken NW. slope 370 ft. to

68.20 Intersect the N. bdy. of the Tp. at the original closing cor. of secs. 4 and 5, S. 89° 56' E. 1.94 chs. dist. from the reestablished cor. of secs. 32 and 33, T. 14 S., R. 9 E.

81.75

The original closing cor. of secs. 4 and 5 is an iron post, 2 ins. diam., projecting 1½ ft. above ground, loosely set, correctly marked, and from which

A pinon pine, 10 ins. diam., bears S. 33° 15' E., 37 lks. dist., marked T 15 S R 9 E S 4 C C B T.

A pinon pine, 12 ins. diam., bears S. 14° 35' W., 80 lks. dist., marked T 15 S R 9 E S 5 C C B T.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, 1½ ft. high, for closing cor. of secs. 4 and 5, with brass cap marked

T14SR9E

S33

S5|S4

T15SR9E

CC

1940

Land, rolling and gently rolling, rough and broken; sandstone and shale formation; drainage SE., S. ½ mile, NE., N. 41.69 chs.

Soil, red sand, sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadescale, yellow top, salt brush and mountain rush.

Grazing, poor to fair growth of grama, bunch and sand grass.

From the cor. of secs. 4, 5, 8, and 9,

S. 89° 56' W., bet. secs. 5 and 8,

Asc. NE. slope 10 ft., through scattering timber and undergrowth.

0.90 Spur, projects S. 20° E.; leave timber, enter medium dense undergrowth, bears N. 20° W. and S. 20° E.; gradual descent of 10 ft.

4.90 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 35 ft.

10.10 Enter a medium heavy growth of timber, bears NW. and SE.; undergrowth becomes scattering.

12.60 Spur, projects S. 10° E. approximately 25 chs. dist.; desc. 35 ft.

16.60 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains S.; gradual ascent of 90 ft. to ½ sec. cor., over NE. slope.

DEPENDENT RESERVE OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

- 24.10 Wash, 30 lks. wide, 5 ft. deep, drains S.
- 39.95 ✓ Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., projecting $1\frac{1}{2}$ ft. above ground, loosely set, correctly marked, and from which
- A pinon pine, 14 ins. diam., bears N. $36^{\circ} 20'$ E., 35 lks. dist., marked $\frac{1}{4}$ S 5 B T.
- A cedar, 8 ins. diam., bears S. $69^{\circ} 15'$ E., 79 lks. dist., marked $\frac{1}{4}$ S 8 B T.
- At point for cor.
- Reset the iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in a mound of stone, $4\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} S5 \\ \frac{1}{4} \\ \hline S8 \\ 1940 \end{array}$$
- This cor. stands on top of spur, projecting S. 20° E. about 12 chs. dist., thence SE. approximately 12 chs. dist.
- Thence,
- N. $89^{\circ} 29'$ W., with continuous measurement.
- 46.10 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, 35 ft. below $\frac{1}{4}$ sec. cor., drains S. 20° E.; asc. 65 ft.
- 52.00 Spur, projects SE. about 7 chs. dist.; desc. 10 ft.
- 53.30 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains SE.; asc. 140 ft.
- 61.00 Spur, projects SE. approximately 25 chs. dist.; desc. 35 ft.
- 65.10 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains SE.; asc. 75 ft.
- 71.60 Spur, projects S. 20° E. about 10 chs. dist., thence southwesterly; timber becomes scattering, bearing NW. and SE.; desc. 45 ft.
- 75.60 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains S.; asc. NE. slope 40 ft. to
- 79.82 ✓ Intersect the original cor. of secs. 5, 6, 7, and 8, which is an iron post, 2 ins. diam., loosely set and projecting $1\frac{1}{2}$ ft. above ground, correctly marked, and from which
- A cedar limb, 5 ins. diam., bears N. $24^{\circ} 30'$ E., 89 lks. dist., marked T 15 S R 9 E S 5 B T.
- A pinon pine, 7 ins. diam., bears S. $45^{\circ} 30'$ E., 80 lks. dist., marked T 15 S R 9 E S 8 B T.
- A pinon pine, 8 ins. diam., bears S. $21^{\circ} 15'$ W., 43 lks. dist., marked T 15 S R 9 E S 7 B T.
- A pinon pine, 8 ins. diam., bears N. $23^{\circ} 10'$ W., 79 lks. dist., marked T 15 S R 9 E S 6 B T.
- At point for cor.
- Reset the iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, $4\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

T15SR9E

S6 | S5

S7 | S8

1940

Land, rolling and broken, draining SE.; sandstone and shale formation.

Soil, shallow red sandy clay and varied colored clays, 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, and yellow top.

Grazing, poor to fair growth of gramma and bunch grass.

S. 0° 05' E., bet. secs. 7 and 8.

Asc. gradual NE. slope 5 ft., through medium heavy timber and scattering undergrowth.

1.20 Spur, projects S. 10° E. approximately 12 chs. dist.; desc. broken SW. slope 190 ft. to

21.50 Wash, 20 lks. wide, 4 ft. deep, at the mouth of draw, drains SW.; continue gradual descent of 15 ft. to

26.50 Wash, 30 lks. wide, 6 ft. deep, in the bottom of draw, from NW., drains SE.; asc. gradual NE. slope 10 ft.

34.30 N. edge of bench, bears NW. and SE.; leave timber, bears same as edge of bench, and enter dense undergrowth; gradual descent of 15 ft. to $\frac{1}{4}$ sec. cor., over nearly level and gently rolling top.39.89 Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam. loosely set and projecting $1\frac{1}{2}$ ft. above ground, correctly marked, and from whichA cedar, 6 ins. diam., bears N. 10° 35' E., 128 lks. dist., marked $\frac{1}{4}$ S 8 B T.

There is no evidence of other accessories.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$

S7

S8

1940

from which

A cedar, 12 ins. diam., bears N. 74° 00' W., 571 lks. dist., marked $\frac{1}{4}$ S 7 B T.

Thence, on same line with continuous measurement.

66.40 S. edge of bench, 70 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; leave dense undergrowth, bears same as edge of bench, and enter scattering; desc. SW. slope 80 ft.

67.00 Enter scattering timber.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

68.45

Top of dam on the E. side of a small circular reservoir, 1.50 chs. in diameter, bears west 6.40 chs. dist.; a small spring or seep flows into the reservoir near the SW. side.

69.00

Wash, 60 lks. wide, 7 ft. deep, in the bottom of draw, drains SE.; asc. NE. slope 65 ft. to the closing cor. of secs. 7 and 8.

69.70

Leave timber, enter medium dense undergrowth, bears NW. and SE.

71.65

A spring flowing a stream of good clear water, $\frac{1}{2}$ lk. wide, 2 ins. deep, bears west 3.56 chs. dist.

77.20

A spring flowing a stream of good clear water, 1 lk. wide, 2 ins. deep, bears east 64 lks. dist.

79.29

Intersect the N. bdy. of sec. 17 at the original closing cor. of secs. 7 and 8, N. $89^{\circ} 57'$ E. 0.90 chs. dist. from the reestablished cor. of secs. 17 and 18.

The original closing cor. of secs. 7 and 8 is an iron post, 2 ins. diam., loosely set and projecting $1\frac{1}{2}$ ft. above ground, correctly marked and witnessed on the N. by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for closing cor. of secs. 7 and 8, with brass cap marked

T15SR9E

S7 S8

CC

S17

1940

from which

A pinon pine, 10 ins. diam., bears N. $81^{\circ} 45'$ E., 342 lks. dist., marked T 15 S R 9 E S 8 C C B T.

No bearing trees are available in sec. 7.

Land, rolling and broken, and nearly level and gently rolling bench; sandstone outcroppings; drainage SE.

Soil, red sand, sandy clay, and gray and blue clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sage.

Grazing, fair to good growth of gramma and bunch grass.

From the cor. of secs. 5, 6, 7, and 8,

West, bet. secs. 6 and 7.

Asc. gradual NE. slope 5 ft., through scattering to medium heavy growth of timber and undergrowth.

0.30

Spur, projects S. 10° E.; desc. 65 ft.

2.70

Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, drains S.; asc. 55 ft.

6.80

Spur, projects S. 20° E. approximately 15 chs. dist.; desc. 75 ft.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains		
10.30	Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 60 ft.	80.80
13.00	Spur, projects S. 20° E. about 10 chs. dist.; desc. 40 ft.	00.20
14.20	Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 25° W. about 10 chs. dist., thence southeasterly; gradual ascent of 10 ft.	04.20
20.10	Top of ascent on N. slope of knoll; desc. 15 ft.	09.10
23.60	Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 25 ft.	34.70
30.40	A mineralized dyke, 4 ft. wide, bears N. 2° 45' W. and S. 2° 30' E., at the top of ascent, bearing same as dyke; desc. 70 ft.	04.40
35.80	Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains S.; asc. gradual E. slope 15 ft. to $\frac{1}{4}$ sec. cor.	09.80
39.74	Intersect the original $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., loosely set and projecting 2 $\frac{1}{2}$ ft. above ground, correctly marked, and from which	
	<p>A pinon pine, 8 ins. diam., bears S. 17° 50' W., 93 lks. dist., marked $\frac{1}{4}$ S 7 B T.</p> <p>A pinon pine, 7 ins. diam., bears N. 14° 20' W., 93 lks. dist., marked $\frac{1}{4}$ S 6 B T.</p> <p>This cor. stands on the N. bank of a wash, 40 lks. wide, 1 ft. deep, draining from SW. to SE. The bank is rapidly eroding and breaking away, making the reestablishment of the cor. monument at the true point impracticable and unsafe.</p> <p>Thence,</p> <p>S. 89° 57' W., with continuous measurement.</p> <p>Continue gradual ascent of 15 ft. to</p>	
41.16	Reset the iron post, 3 ft. long, 1 in. diam., which was originally established at the true point for $\frac{1}{4}$ sec. cor. of secs. 6 and 7, 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked	
	<p>S6</p> <p>$\frac{1}{4}$ — WC</p> <p>S7</p> <p>1940</p> <p>from which</p> <p>A pinon pine, 10 ins. diam., bears S. 38° 20' W., 85 lks. dist., marked WC $\frac{1}{4}$ S 7 B T.</p> <p>A pinon pine, 10 ins. diam., bears N. 28° 15' W., 95 lks. dist., marked WC $\frac{1}{4}$ S 6 B T.</p>	
45.70	Spur, 25 ft. above witness $\frac{1}{4}$ sec. cor., projects S. approximately 25 chs. dist.; desc. 55 ft.	
51.10	Wash, 15 lks. wide, 3 ft. deep, in the bottom of draw, drains S.; asc. 45 ft.	
62.20	Spur, projects S. about 10 chs. dist.; desc. 55 ft.	
65.40	Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains S. 20° W.; asc. 25 ft.	
68.90	Spur, slopes S. 20° E. about 6 chs. dist.; desc. 50 ft.	

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

72.30

Wash, 40 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. NE. slope 45 ft. to

79.56

Intersect the W. bdy. of the Tp. at the original closing cor. of secs. 6 and 7, S. $0^{\circ} 07'$ W. 1.67 chs. dist., from the original cor. of secs. 1, 6, 7, and 12, which has been previously changed by me to an angle point bet. secs. 1 and 6.

The original closing cor. of secs. 6 and 7 is an iron post, 2 ins. diam., loosely set and projecting $1\frac{1}{2}$ ft. above ground, correctly marked, and from which

A pinon pine, 10 ins. diam., bears N. $68^{\circ} 00'$ E., 80 lks. dist., marked T 15 S R 9 E S 6 C C B T.

A pinon pine, 7 ins. diam., bears S. $63^{\circ} 15'$ E., 121 lks. dist., marked T 15 S R 9 E S 7 C C B T.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, for closing cor. of secs. 6 and 7, with brass cap marked

T15S	T15S	
S1	S6	CC
	S7	
R8E	R9E	
	1940	

Land, rolling, rough and broken, draining generally SE.; sandstone and shale formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, yellow top, salt brush and mountain rush.

Grazing, poor to fair growth of gramma and bunch grass.

From the cor. of secs. 5, 6, 7, and 8,

N. $0^{\circ} 05'$ W., bet. secs. 5 and 6.

Asc. abrupt, rough and broken, general S. slope 485 ft., across the head of draw, draining SE., through scattering timber and undergrowth.

15.60

S. edge of bench, bears N. 80° E. and W.; enter a heavy growth of timber, bears E. and W.; gradual descent of 10 ft., over gently rolling top.

20.80

N. edge of bench, bears N. 80° E. and S. 80° W.; desc. abrupt rough N. slope 205 ft.

31.10

Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains N. 60° E.; asc. 45 ft.

32.50

Spur, slopes N. 60° E. approximately 10 chs. dist.; leave heavy timber, bears N. 60° E. and S. 60° W., and enter scattering; desc. 190 ft. to $\frac{1}{2}$ sec. cor., over NW. slope.

40.03

Intersect the original $\frac{1}{2}$ sec. cor., which is an iron post, 1 in. diam., loosely set and projecting $2\frac{1}{2}$ ft. above ground, correctly marked, and from which

DEPARTMENT OF THE ARMY, U. S. ARMY, U. S. ARMY

Chains

1004

A pine pine, 6 ins. diam., bears N. 62° 15' E., 34 lbs.
dist., marked $\frac{1}{2}$ S 5 N T.

A pine pine, 5 ins. diam., bears N. 69° 10' W., 14 lbs.
dist., marked $\frac{1}{2}$ S 6 N T.

At point for cor.

Reset the iron post, 3 ft. long, 1 in. diam., 10 lbs. in the ground
to solid rock, and in a mound of stone, $\frac{1}{2}$ ft. base, 2 ft. high, for
2 sec. cor., with brass cap marked

1
56 | 55
1940

Thence,

N. 0° 01' W., with continuous measurement.

40.50 Leave timber, enter dense undergrowth, bears NE. and SW.

61.90 Wash, 10 lbs. wide, 8 ft. deep, in the bottom of draw, 10 ft. below
 $\frac{1}{2}$ sec. cor., drains N. 60° E.; asc. gradually 15 ft., over gently
rolling land to

81.81 Intersect the N. bdy. of the Tp. at the original closing cor. of secs.
5 and 6, S. 89° 59' E. 1.94 chs. dist. from the reestablished con. of
secs. 31 and 32, T. 14 S., R. 9 E.

The original closing cor. of secs. 5 and 6 is an iron post, 2 ins.
diam., loosely set and projecting 18 ft. above ground, correctly
marked, and witnessed by traces of pits, E., W. and S. of post, 7 ft.
dist.

At point for cor.

Reset the iron post, 3 ft. long, 2 ins. diam., 27 lbs. in the ground,
for closing cor. of secs. 5 and 6, with brass cap marked

714575
832
3615
715000
60
1940

from which

A pine pipe line, 12 ins. diam., bears S. 8° 35' E., 730 lbs.
dist., marked T 15 S E 9 E. 256 C. S T.

A pine pine, 16 ins. diam., bears S. 70° 45' W., 326 lbs.
dist., marked T 15 S E 9 E. 256 C. S T.

Land, rolling, rough and broken; sandstone and shale formation; drain-
age NE., S. 15-60 chs.; N. 60-81 chs. drain NE.

Soil, red sand, sandy clay and varied colored clays. End to 4th rate.

Timber, cedar and pine pine.

Undergrowth, black nightshade, shadeless, yellow top and service berry
bushes.

Grazing, poor to good growth of grama, bunch and sand grass.

GENERAL DESCRIPTION

This township lies at the base of the mountain range on the west side of a valley known as Castle Valley, at an elevation above sea level, varying from about 6000 feet in the eastern and southeastern parts to an approximate elevation of 6800 feet in the northern and western portions.

It contains nearly every variety of land from level and gently rolling and benches to rolling and broken bad lands and steep and rough mountains, all having a general easterly and southeasterly exposure and drainage.

Sandstone and shale, and some limestone is the principal formation, being exposed in the form of outcroppings and rims of benches. I saw no evidence of coal nor oil, although large producing coal mines are located in the adjoining townships to the north and west. Indications of gold, silver, lead, and copper ores are shown by several mineralized dykes crossing section 6.

Red sand, sandy clay loam, and varied colored clays mixed with shale or lying on shale bedrock, and varying from first to fourth rate, are found on nearly all of the sections.

The timber is cedar and pinon pine, and scattering and groves of cottonwood along the banks of Miller Creek. Ranging from none to a sparse growth on the two eastern ranges of sections and on sections 32, 33, and 34, the timber increases in density from south to north and from east to west.

Black sagebrush, shadscale, salt brush, yellow top, greasewood, cotton brush, and mountain rush are the principal undergrowth, and varies from a sparse to a dense growth on all of the sections.

Gamma, bunch, and sand grass cover the entire township, being sparse and scattering on the bad lands and rough portions.

Miller Creek, a stream of muddy alkali water, about 3 to 10 links wide, 3 inches to 1 foot deep, has an easterly course through sections 30, 29, 28, 27, 22, 23, 24, and 13. The only springs in the township are located as follows: A spring flowing a stream of good clear water, $\frac{1}{2}$ link wide, 1 inch deep, and also a seep in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 7, one producing a stream of good clear water, 1 link wide, 2 inches deep, in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 8, two springs each flowing streams of clear water, slightly alkaline, 1 link wide, 2 inches deep, in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 30, and a small spring producing a stream of clear water, slightly alkaline, in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 28.

The greater portions of nearly all the sections are only suitable for grazing purposes, and at present these parts serve as a sheep and goat range, which is controlled by the U. S. Division of Grazing.

Peter
Frandsen owns a dry farm in the southern part of section 7. His house, 24x17 feet, with one door and four windows, is constructed of railroad ties. He also has a blacksmith shop and two bunk houses built of railroad ties and approximately fifty acres of land under cultivation.

The Millerton ranch and dairy, which is well improved with two good dwelling houses, two large cow and horse barns, milk houses, large concrete dams across Miller Creek, and reservoirs, comprises four hundred and forty acres in sections 20, 21, 28, and 29. The land is fenced and cross fenced, with numerous irrigating ditches, and about two hundred acres under cultivation. An electric pumping plant is installed at the small spring in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 28. The water is pumped a few chains to the north through a three inch iron pipe into a wooden 30000 gallon tank, that supplied the ranch and dairy with culinary water. About sixty head of dairy cattle and twenty work and saddle horses are kept on this ranch.

Abe Powers has approximately forty acres under cultivation in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of section 25. He has constructed a log house, 26 $\frac{1}{2}$ x16 $\frac{1}{2}$ feet,

GENERAL DESCRIPTION

with two doors and four windows in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 25, and irrigates the land with a ditch carrying water out of Miller Creek, during the high water season.

Dominick Falsone operates a goat ranch in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 3. His house, 28x12 feet, with one door and three windows, is constructed of railroad ties. He has done considerable fencing and cultivates about one half acre of land, raising all kinds of vegetables.

State highway No. 10, oiled, bears northeasterly to Price, Utah, and southwesterly to Huntington, Utah, through the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and E $\frac{1}{2}$ SE $\frac{1}{4}$ of section 36. State highway No. 122, oiled, crosses the east boundary of the township near the quarter section corner of sections 25 and 30, bears in a northeasterly direction to State Highway No. 10, and southwesterly and westerly to Hiawatha, Utah, leaving the west boundary of the township near the corner of sections 30 and 31. From State highway No. 122 in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 27, State highway No. 50, graveled and graded, bears in a northwesterly course to Wattis, Utah, crossing the west boundary of the township in the NW $\frac{1}{4}$ of section 18. There are no other improvements in the township, except several roads of minor importance, such as wood, timber, and sheep wagon roads.

CERTIFICATE OF UNITED STATES SURVEYOR

I, J. C. Clark, Assistant Cadastral Engineer, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 15th day of December, 1938, received from the district cadastral engineer for Utah, with assignment instructions dated May 9, 1940, I have ~~surveyed~~ made a Dependent Resurvey of the Third Standard Parallel South, through Range 9 East or South Boundary, Castle Valley Guide Meridian or East Boundary, Second Guide Meridian East or West Boundary, North Boundary and the Subdivisional Lines of Township 15 South, Range 9 East of the Salt Lake Meridian, in the State of Utah, which is represented in the foregoing field notes as having been executed by me and under my direction; and that a survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah
April 29, 1941

J. C. Clark
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Bureau of Land Management
~~Office of the Supervisor of Surveys,~~
 Washington, D.C.

APR 12 1949, 1949

The foregoing field notes of the ~~survey of~~ dependent resurvey of the Third Standard Parallel South, through Range 9 East or South Boundary, Castle Valley Guide Meridian or East Boundary, Second Guide Meridian East or West Boundary, North Boundary and the Subdivisional Lines of Township 15 South, Range 9 East executed by J. C. Clark, Assistant Cadastral Engineer under special instructions dated December 15, 1938, and assignment instructions dated May 9, 1940, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Earl G. Harrington
Chief, Division of Engineering.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

Book "B"

FIELD NOTES



DEPENDENT RESURVEY OF THE BOUNDARIES,

AND SURVEY OF SUBDIVISION OF

SECTION 6, T. 15 S., R. 14 E.,

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

alph Gentry, Cadastral Engineer, Andrew Nelson, Robert C. Yundt, and
C. Clark, Assistant Cadastral Engineers

supplemental September 17, 1941 and
under special instructions dated October 14, 1942, which provided
for the surveys included under Group No. 326, bearing the approval of the
Commissioner of the General Land Office under date of October 14, 1941 and
October 20, 1942

supplemental
and assignment instructions dated Sept. 2, 12, and 26, 1941 and Oct. 17, 1942

Survey commenced September 25, 1942

Survey completed November 16, 1942

INDEX DIAGRAM.

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**DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 6, T. 15 S., R. 14 E.**

Chains

The official survey of T. 15 S., R. 14 E., Salt Lake Meridian, is shown upon the plat approved May 5, 1900. The following field notes are those of a dependent resurvey of the boundaries, and subdivision of section 6, T. 15 S., R. 14 E.

Before reconstructing the corners, the lines of the original survey were retraced, and when duly identified or restored the corner positions were remonumented.

The rules of proportionate measurement were applied in order to ascertain the position of each lost corner, after completing the necessary retracements to connect with the identified corner locations.

The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

Survey commenced September 25, 1942, and executed with W. & L. E. Gurley solar transit No. 371614. The instrument is constructed in accordance with the standard specifications of the General Land Office, and is equipped with a Smith solar attachment, and a full vertical circle; the horizontal limb is provided with two double verniers placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circle, and of the latitude and declination arcs. The instrument was approved for use on this survey by the district cadastral engineer for Utah, conditional upon satisfactory field tests. The instrument was in good condition at the commencement of this survey, and tested and found free from appreciable error.

The direction of the lines were determined by angles deflected from controlling meridians established by observations of Polaris. The method of repetition was used, accumulating the horizontal angles, four times with the telescope in direct and reversed positions. The lines were carried forward by taking the mean of ~~direct~~ and reversed sights at each instrument station.

The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a Lufkin standard steel tape. The proper pull was determined when the tape was supported and suspended with spring balances. The measurements were made on the slope, and the vertical angle of each interval was ascertained by the transit; the horizontal equivalents are entered in the field note record.

The approximate geographic position of the SE. corner of section 6, as determined from U.S. Geological topographic sheet "Utah Sunnyside Quadrangle" is as follows: latitude $39^{\circ} 32' N.$; longitude $110^{\circ} 23' W.$

Reestablishment of surveys executed by A. D. Ferron, Deputy Surveyor, in 1885, and resurveyed by Anderson and Ware, Deputy Surveyors, in 1899.

September 25, 1942: at the corner of secs. 5, 6, 31, and 32, on N. bdy. of T. 15 S., R. 14 E., approximate latitude $39^{\circ} 33' N.$, longitude $110^{\circ} 23' W.$, at 7h 33m 15s a.m.,

**DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 6, T. 15 S., R. 14 E.**

Chains

by watch which carries correct 105th meridian time, as determined by radio signals, or 7h 11.7m a.m. l.m.t., I make an hour angle observation upon Polaris, west of the meridian, two each with the telescope in direct and reversed positions, transiting the telescope and reading the horizontal deflection angle, from Polaris west to a well defined reference point about 4 miles to the south.

Mean deflection angle from Polaris
west to reference point to the south $1^{\circ} 22.5'$
Azimuth of Polaris, $1^{\circ} 18.5'$ W
True bearing of reference point, $8.0^{\circ} 04' W.$

Note: From this cor., the cor. of secs. 5, 6, 7, and 8, T. 15 S., R. 14 E., bears $S. 0^{\circ} 12' W.$

The corner of secs. 5, 6, 31, and 32, is a sandstone, 24x14x6 ins., marked 5 notches on E., and 1 notch on W. edge and loosely set in old mound of stone, from which

Dead stump of pinon, bears $S. 60^{\circ} E.$, 9 lks. dist.; no marks visible on stump.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T14S	R14E
831	832
8 6	8 5
T15S	
1942	

of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, W. of cor. raise a mound

Thence

N. $89^{\circ} 26' W.$, bet. secs. 6 and 31, along N. bdy. of T. 15 S., R. 14 E.

Ascend abrupt rocky SE. slope, over mountainous land, through scattered undergrowth and timber.

12.00 Top of ascent, 360 ft. above sec. cor., and on ledge, 20 ft. high, bears NE. and SW.; thence along broken S. slope.

19.00 Abrupt descent over ledge, 50 ft. high, bears $N. 70^{\circ} W.$, and $S. 70^{\circ} E.$, and over rocky SW. slope.

37.30 Small rocky draw, 420 ft. below ledges, course S.; ascend abrupt E. slope.

39.56 Proportionate dist.; no evidence of original $\frac{1}{4}$ sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 31
8 6
1942

raise a mound

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 6, T. 15 S., R. 14 E.

Chains

of stone, 3 ft. base, 3 ft. high, N. of cor.

40.00 Top of ascent, 60 ft. above draw, slopes S.; descend over rocky SW. slope.

63.60 Small rocky draw, drains SW.; ascend.

67.00 Top of ascent, 50 ft. above draw, slopes SW.; descend gradually over rocky S. slope.

73.30 Descend over NW. slope.

78.83 At foot of mountain, at edge of rolling land, 300 ft. below $\frac{1}{4}$ sec. cor.

The cor. of Tps. 14 and 15 S., Rs. 13 and 14 E., which is a sandstone, 16x10x6 ins., firmly set in the ground, and marked 6 notches on N., S., E., and W. edges; unwitnessed.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for cor. of Tps. 14 and 15 S., Rs. 13 and 14 E., with brass cap marked

T14S	
R13E	R14E
S36	S31
S 1	S 6
T15S	
1942	

from which

A pinon, 11 ins. diam., bears N. $45^{\circ} 30'$ E., 188 lks. dist., marked T14S R14E S31 BT

A pinon, 5 ins. diam., bears S. $41^{\circ} 30'$ E., 105 lks. dist., marked T15S R14E S6 BT

A pinon, 7 ins. diam., bears S. $27^{\circ} 30'$ W., 193 lks. dist., marked T15S R13E S1 BT

A pinon limb, 7 ins. diam., bears N. $45^{\circ} 37'$ W., 282 lks. dist., marked T.14S R13E S36 BT

Land, rough and mountainous; rocky broken slopes; very abrupt on E. $\frac{1}{2}$ mile.

Soil, coarse rocky sandy and clay loam; 3rd to 4th rate. Timber, scattered juniper and pinon.

Undergrowth, sagebrush; medium growth of weeds and grass.

Reestablishment of surveys executed by Anderson and Ware, Deputy Surveyors, in 1899.

From the cor. of secs. 5, 6, 7, and 8, which is a sandstone 24x12x6 ins., firmly set in the ground and mound of stone, and marked 5 notches on S. and E. edges, from which

A juniper 10 ins. diam., bears N. 15° E., 30 lks. dist., marked T15S R14E S5 BT

A juniper 12 ins. diam., bears S. $58^{\circ} 30'$ E., 31 lks. dist., marked T15S R14E S8 BT

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 36, T. 15 S., R. 14 E.

and land

Chains

A juniper 10 ins. diam., bears S. 35° 30' W., 41 lks
dist., marked T15S R14E S7 BT

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
the ground to solid rock, and in a mound of stone to top
with original cor. monument deposited at base, for cor.
secs. 5, 6, 7, and 8, with brass cap marked

T15S	R14E
S 6	S 5
S 7	S 8

1942

from which

New bearing tree

A pinon, 6 ins. diam., bears N. 15° 15' W., 48 lks.
dist., marked T15S R14E S6 BT

Thence

N. 0° 12' E., bet. secs. 5 and 6.

Over rolling land, sloping W., through medium dense timber
and undergrowth.

16.00 Leave timber, bears E. and W.

39.75 Track, spur of D. & R.G.W.R.R., bears southwesterly to
coke ovens, and northeasterly to Sunnyside, Utah.

39.95 Proportionate dist.; no evidence of the $\frac{1}{4}$ sec. cor. found

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form, 36 ins. long, 8 ins. square at top, flared to 12 in
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec.
cor., with brass cap marked

$\frac{1}{4}$
S6 S5
1942

43.50 Switch, D. & R.G.W.R.R., bears N. 30° E., and S. 30° W.

44.10 D. & R.G.W.R.R., bears about N. 30° E. and S. 30° W.; Sunnyside
branch.

59.00 Whitmore Creek, stream of clear water, 15 lks. wide, course
S. 30° W.

66.15 Oiled highway, bears N. 30° E. to Sunnyside, and S. 30° W.,
to Price, Utah; ascend rocky S. slope.

81.25 The cor. of secs. 5, 6, 31, and 32, on N. bdy. of tp.,
180 ft. above highway.

Land, rolling.

Soil, rocky sandy loam; 3rd rate.

Timber, juniper and pinon on portion of mile.

Undergrowth, medium dense sagebrush; medium growth of
weeds and grass.

... of ...
... of ...

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 6, T. 15 S., R. 14 E.

Chains

From the corner of secs. 5, 6, 7, and 8.

N. $89^{\circ} 59'$ W., bet. secs. 6 and 7.

Over rolling land, through medium dense timber and undergrowth.

27.50 Small draw, course SW.

33.00 Edge of bench, bears N. 70° W., and S. 70° E.; descend along broken S. slope, leaving timber.

40.09 On steep S. slope, 70 ft. below edge of bench.

The $\frac{1}{4}$ sec. cor., which is a sandstone, $18 \times 12 \times 6$ ins., firmly set in the ground, and marked $\frac{1}{4}$ on N. face, from which

A dead juniper 5 ins. diam., bears N. $13^{\circ} 15'$ W., 39 lks. dist., marked $\frac{1}{4}$ S6 BT

At point for cor:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 6
 $\frac{1}{4}$ ———
S 7
1942

raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.

Thence

S. $89^{\circ} 27'$ W.,

20.04 Proportionate dist.; on S. slope, 130 ft. below $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for W. $1/16$ sec. cor., with brass cap marked

S 6
W $1/16$ ———
S 7
1942

raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.

29.90 D. & R. G. W. R.R., bears S. 30° E., and Columbia, and N. 30° W.

39.04 Intersect W. bdy. of Tp., 1.23 chs., S. $0^{\circ} 16'$ W., from the cor. of secs. 1 and 12, described in the field notes of resurvey of boundaries of sections 1 and 2, T. 15 S., R. 13 E., this Group.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap marked

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTION 6, T. 15 S., R. 14 E.

Chains

T15S
R13E R14E
S 12 S 6 CC
S 7

1942

39.31

The original closing cor. of secs. 6 and 7, which is a sandstone, 22x10x6 ins., firmly set in the ground and mound of stone, marked with 1 groove on N., 5 grooves on S., and CC on E. face. I mark WP on E. face of this cor. monument for witness point to closing corner.

Land, rolling and broken slope of bench.
Soil, rocky sandy and clay loam; 3rd rate.
Timber, juniper and pinon on portion of mile.
Undergrowth, sagebrush; medium growth of weeds and grass.

SUBDIVISION OF SECTION 6, T. 15 S., R. 14 E.

From the $\frac{1}{4}$ sec. cor., secs. 6 and 7.

N. $0^{\circ} 35'$ E., along N. and S. center line sec. 6.

Ascend steep rocky S. slope, through medium dense undergrowth.

1.50

S. edge of bench, 60 ft. above $\frac{1}{4}$ sec. cor., bears N. 80° W. and S. 80° E.; thence over rolling land, entering scattered timber.

19.99

Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for center S. $\frac{1}{16}$ sec. cor., with brass cap marked

S $\frac{1}{16}$ C S 6
C

1942

30.10

D. & R. G. W. R.R., bears N. $71^{\circ} 13'$ E. to Sunnyside, Utah, and S. $71^{\circ} 13'$ W.

39.98

Intersect E. and W. center line.

Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top; flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for center $\frac{1}{4}$ sec. cor., with brass cap marked

C $\frac{1}{4}$

S 6

1942

43.20

Whitmore Creek, a stream of clear water, 15 yds. wide, course S. 80° W.

44.30

Oiled highway, bears N. 80° E., to Sunnyside, and S. 80° W., to Price, Utah.

SUBDIVISION OF SECTION 6, T. 15 S., R. 14 E.

Chains

- 52.00 Ascend rocky S. slope, entering medium dense timber, bears E. and W.
- 81.62 The $\frac{1}{4}$ sec. cor. of secs. 6 and 31, on N. bdy. of tp.
Land, rolling and broken slopes.
Soil, rocky sandy and clay loam; 3rd rate.
Timber, juniper and pinon.
Undergrowth, sagebrush; medium growth of weeds and grass.
-
- From the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.
N. $89^{\circ} 57'$ W., along E. and W. center line of sec. 6.
Over rolling land, through medium dense undergrowth.
- 2.80 Switch, D. & R. G. W. R.R., bears NE. and SW.
- 11.05 D. & R. G. W. R.R., bears N. $71^{\circ} 13'$ E. to Sunnyside, Utah, and S. $71^{\circ} 13'$ W.
- 11.60 Side track, parallel to railroad.
- 39.82 The center $\frac{1}{4}$ sec. cor., sec. 6.
- 51.00 Whitmore Creek, a stream of clear water, 15 lks. wide, course S. 80° W.
- 59.71 Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground for center W. $\frac{1}{16}$ sec. cor., with brass cap marked
- W $\frac{1}{16}$

○ ————— ○

S 6

1942
- Corner stands at S. end of frame building, about 50x25 ft.; line to W. crosses through SW. cor. of building.
- 76.80 Oiled highway, bears N. 80° E. to Sunnyside, Utah, and S. 80° W. to Price, Utah.
- 79.08 On W. bdy. of Tp., at proportionate dist. on W. bdy. of sec. 6, S. $0^{\circ} 16'$ W., 96 lks. dist. from the $\frac{1}{4}$ sec. cor. on E. bdy. of sec. 1, T. 15 S., R. 13 E., as described in the field notes of resurvey of boundaries of secs. 1 and 2, this group.
- Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6, with brass cap marked
- $\frac{1}{4}$

|

S 6

1942
- Land, rolling.

SUBDIVISION OF SECTION 6, T. 15 S., R. 14 E.

Chains:

Soil, gravelly and rocky loam; 3rd rate.
No timber.
Undergrowth, sagebrush; medium growth of weeds and grass.

From the W. 1/16 sec. cor., of secs. 6 and 7.

N. 0° 47' E., along N. and S. center line, SW $\frac{1}{4}$ sec. 6.

Ascend steep S. slope, through medium dense undergrowth.

7.00 S. edge of bench, 200 ft. above cor., bears N. 80° W.,
and S. 80° E.; thence over rolling land, entering
scattered timber.

14.70 Small draw, course W.

20.09 Intersect E. & W. center line; SW $\frac{1}{4}$ sec. 6.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form, 36 ins. long, 8 ins. square at top, flared to 12
ins. square a foot below top, and balance cylindrical in
shape about 10 ins. diam., 28 ins. in the ground, for
SW 1/16 sec. cor., with brass cap marked

SW 1/16

S 6

1942

From this 1/16 sec. cor., a bench mark of the U.S.
Geological Survey, marked elevation 6435 ft. above sea
level, bears N. 67° 07' W., 3.97 chs. dist.; a brass
tablet seated in a sandstone boulder, conforming to the
record.

23.50 D. & R. G. W. R.R., bears N. 71° 13' E. to Sunnyside, Utah
and S. 71° 13' W.

39.30 Whitmore Creek, a stream of clear water, 15 lks. wide,
course S. 80° W.

40.18 The center W. 1/16 sec. cor. of sec. 6.

Land, rolling and broken slopes.

Soil, rocky and gravelly sandy loam; 3rd rate.

Timber, scattered juniper and pinon.

Undergrowth, sagebrush; medium dense weeds and grass.

From the center S. 1/16 sec. cor. of sec. 6.

S. 89° 45' W., along E. and W. center line, SW $\frac{1}{4}$ sec. 6.

Over rolling land, through medium dense undergrowth,
and scattered timber.

19.97 The SW 1/16 sec. cor. of sec. 6.

30.10 D. & R. G. W. R.R., bears N. 71° 13' E., to Sunnyside, Utah,
and S. 71° 13' W.

SUBDIVISION OF SECTION 6, T. 15 S., R. 14 E.

Chains

39.15 Midpoint on S. half mile, W. bdy. of sec. 6, S. $0^{\circ} 16'$ W., 1.095 chs. dist. from S. $1/16$ sec. cor. on E. bdy. sec. 1, T. 15 S., R. 13 E., as described in field notes of resurvey of boundaries of secs. 1 and 2, this group.

Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for S. $1/16$ sec. cor. of sec. 6, with brass cap marked

S $1/16$

S 6

1942

Land, rolling.

Soil, gravelly sandy loam; 3rd rate

Timber, scattered juniper and pinon.

Undergrowth, sagebrush; medium dense weeds and grass.

GENERAL DESCRIPTION

Section 6 varies from rolling land to a rocky S. slope of ridge in N. portion, and broken slope of bench in S. portion. Whitmore Creek, a small stream of clear water, about 15 lks. wide, drains SW. and westerly through the section.

The soil consists mostly of rocky and gravelly sandy loam, and may be classified as 3rd rate. The soil supports a medium growth of sagebrush, weeds and grass. Also a scattered growth of scrub juniper and pinon timber is found along the N. and S. portions.

A branch line of the D. & R. G. W. Railroad, and an oiled highway pass through section 6 to Sunnyside, Utah, located in sec. 32, T. 14 S., R. 14 E.

A part of a townsite under the Defense Plant Corporation, the Columbia Housing Project, is located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, sec. 6, and considerable construction work on the townsite was being carried on at time of this survey. Coke ovens are located in E $\frac{1}{2}$ NW $\frac{1}{4}$ of sec. 6.

The mean magnetic declination was found to be $16^{\circ} 30'$ E.

CHINA

10.12

1. The first of the two
2. The second of the two
3. The third of the two
4. The fourth of the two
5. The fifth of the two
6. The sixth of the two
7. The seventh of the two
8. The eighth of the two
9. The ninth of the two
10. The tenth of the two

11. The eleventh of the two
12. The twelfth of the two
13. The thirteenth of the two
14. The fourteenth of the two
15. The fifteenth of the two
16. The sixteenth of the two
17. The seventeenth of the two
18. The eighteenth of the two
19. The nineteenth of the two
20. The twentieth of the two

21. The twenty-first of the two
22. The twenty-second of the two
23. The twenty-third of the two
24. The twenty-fourth of the two
25. The twenty-fifth of the two
26. The twenty-sixth of the two
27. The twenty-seventh of the two
28. The twenty-eighth of the two
29. The twenty-ninth of the two
30. The thirtieth of the two

CERTIFICATE OF SURVEYOR

I, we, Ralph Gentry, Andrew Nelson, Robert C. Yundt, and J. C. Clark, HEREBY CERTIFY upon honor that
 pursuant to ^{supplemental} special instructions bearing date of the 14th day of October, 1942,
 received from the district cadastral engineer for Utah, with supplemental ^{with assignment}
 instructions dated Sept. 2, 12, and 26, and ~~Nov. 17, 1942~~ Oct. 17, 1942, we have
 dependently resurveyed the boundaries and surveyed the subdivision
 of section 6, T. 15 S., R. 14 E.,

of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by ^{us} ~~me~~ and under ^{our} ~~my~~ direction; and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
Salt Lake City, Utah Ralph Gentry Cadastral Engineer

Feb. 4, 1943

Andrew Nelson Assistant Cadastral Engineer
Robert C. Yundt Assistant Cadastral Engineer
J. C. Clark Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., MAR 3 1944, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of the boundaries
and survey of the subdivision of section 6, T. 15 S., R. 14 E.,

executed by Ralph Gentry, Andrew Nelson, Robert C. Yundt, and J. C. Clark,
^{supplemental}
 under special instructions dated October 14, 1942, and supplemental and assignment
 instructions dated Sept. 2, 12, and 26, and Oct. 17, 1942, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Charles H. Johnson
 Supervisor of Surveys.

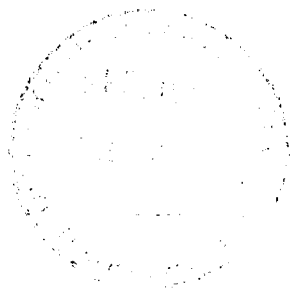
CERTIFICATE OF TRANSCRIPT

I ~~certify~~ that the foregoing transcript of the field notes of the above described surveys in
is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
BOOK "A"

FIELD NOTES



DEPENDENT RESURVEY OF THE BOUNDARIES, AND

SURVEY OF THE SUBDIVISIONS OF

SECTIONS 1 and 2, T. 15 S., R. 13 E.,

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Ralph Gentry, Cadastral Engineer, Elliot Bird, Associate Cadastral
Engineer, and Andrew Nelson, Robert C. Vondt, and J. C. Clark,
Assistant Cadastral Engineers

supplemental
under/special instructions dated October 14, 1942, which provided
for the surveys included under Group No. 326, bearing the approval of the
Commissioner of the General Land Office under date of October 20, 1942

supplemental
assignment instructions dated Sept. 2, 12, and 26, 1942, and Oct. 17, 1942.

Survey commenced October 21, 1942

Survey completed November 16, 1942

Township 15 South, Range 13 East
3

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

The official survey of T. 15 S., R. 13 E., Salt Lake Meridian, is shown upon the township plat approved March 12, 1885. The following field notes are those of a dependent resurvey or reestablishment of the boundaries and subdivision of sections 1 and 2, T. 15 S., R. 13 E.

Before reconstructing or restoring the corners, the lines of the original survey were retraced, and search was made for evidence of the original corner monuments, and other calls of the field notes. When fully identified or restored corner positions were remonumented.

The rules of proportionate measurement were applied in order to ascertain the position of each lost corner, after completing the necessary retracements to connect with the identified corner locations.

The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

Survey commenced October 21, 1942, and executed with W. & L. E. Gurley solar transit No. 3714. The instrument is constructed in accordance with the standard specifications of the General Land Office, and is equipped with a Smith solar attachment, and full vertical circle; the horizontal limb is provided with two double verniers placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circle, and of the latitude and declination arcs. The instrument was approved for use on this survey by the district cadastral engineer for Utah, conditional upon satisfactory field tests. The instrument was in good condition at the commencement of this survey, and tested and found free from any appreciable error.

The direction of the lines were determined by angles deflected from controlling meridians established by observations made on Polaris. The method of repetition was used, accumulating the horizontal angles. The angles were repeated four times with the telescope in direct and reversed positions. The lines were carried forward by taking the mean of direct and reversed sights at each instrument station.

The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a Lurkin standard steel tape. The proper pull was determined when the tape was supported and suspended with spring balances. The measurements were made on the slope, and the vertical angle of each interval was ascertained by the transit; the horizontal equivalents are entered in the field note record.

The approximate geographic position of the cor. of Tps. 14 and 15 S., Rs. 13 and 14 E., as determined from U.S. Geological topographic sheet "UTAH SOUTHWEST QUADRA. 1E" is as follows:-- latitude 39° 33' N., longitude 110° 24' W.

DEPENDENT RESURVEY OF BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

Reestablishment of surveys executed by A. D. Ferron, Deputy Surveyor, in 1885, and retraced by L. D. Heist and J. H. Winwood, Deputy Surveyors, in 1908.

October 21, 1942, at the cor. of Tps. 14 and 15 S., Rs. 13 and 14 E., approximate latitude $39^{\circ} 33' N.$, longitude $110^{\circ} 24' W.$, at 7h 34m 48s a.m., by my watch which carries correct 105th meridian time, as determined by radio signals, or 7h 13m 12s a.m., l.m.t., I make an hour angle observation of Polaris, west of the meridian, two each with the telescope in direct and reversed positions, and reading the horizontal deflection angle, from Polaris east to well defined reference point about $1\frac{1}{2}$ miles to the north.

Mean deflection angle, Polaris
east to reference point
Azimuth of Polaris,
True bearing of reference point

$1^{\circ} 09'$
 $1^{\circ} 17' W.$
 $N. 0^{\circ} 04' W.$

The cor. of Tps. 14 and 15 S., Rs. 13 and 14 E., is an iron post, 3 ins. diam., as described in the field notes of resurvey of boundaries of section 6, of T. 15 S., R. 14 E., this group.

Thence

S. $89^{\circ} 07' W.$, bet. secs. 1 and 36, along N. bdy. of Tp. 15 S., R. 13 E.

Over rolling land, through medium dense undergrowth, and scattered timber.

3.00 Old road, bears N. and S.

6.00 Wash, 30 lks. wide, 3 ft. deep, course SW.

12.00 Enter medium dense timber, bears N. and S.

32.10 Wash, 30 lks. wide, 3 ft. deep, course S. $20^{\circ} W.$

41.32 The $\frac{1}{4}$ sec. cor., which is a sandstone, $15 \times 6 \times 6$ ins., marked $\frac{1}{4}$ on N. face, and firmly set in the ground, from which

A pinon, 10 ins. diam., bears S. $4^{\circ} W.$, 22 lks. dist., marked $\frac{1}{4}$ SDT.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 36
 $\frac{1}{4}$ S 1

1942

from which

New bearing tree.

A pinon, 8 ins. diam., bears N. $74^{\circ} W.$, 47 lks. dist., marked $\frac{1}{4}$ S36BT.

Thence

S. $88^{\circ} 03' W.$, bet. secs. 1 and 36.

15.50 Wash, 130 lks. wide, 20 ft. deep, course SW.

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

22.70 Wash, 200 lbs. wide, 20 ft. deep, course SW.

40.24 The cor. of secs. 1, 2, 35, and 36, which is a sandstone, 12x10x6 ins., marked 5 notches on W., and 1 notch on E. edge, and firmly set in the ground, from which

A pinon, 8 ins. diam., bears N. $21^{\circ} 15'$ E., 54 lks. dist., marked T14SR13ES36BT.

A pinon, 8 ins. diam., bears S. $59^{\circ} 15'$ E., 63 lks. dist., marked T15SR13ES1ET.

A pinon, 6 ins. diam., bears N. 20° W., 36 lks. dist., marked T14SR13ES35BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 11 ins. in the ground to solid rock, and in mound of stone to top, with original cor. monument deposited at base, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T14S	R13E
S 35	S 36
S 2	S 1
T15S	

1942

from which

New bearing tree marked.

A pinon, 12 ins. diam., bears S. $51^{\circ} 30'$ W., 93 lks. dist., marked T15SR13ES2BT.

Land, rolling.

Soil, coarse rocky sandy and clay loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sagebrush; medium growth of weeds and grass.

Good grazing land.

S. $89^{\circ} 47'$ W., bet. secs. 2 and 35.

Over rolling land, through medium dense timber, and undergrowth.

9.00 Enter scattered timber.

40.25 The 4 sec. cor., which is a sandstone, 25x11x6 ins., marked 4 on N. face, and firmly set in the ground, from which

A dead juniper, 6 ins. diam., bears S. $62^{\circ} 45'$ W., 120 lks. dist., marked S2BT.

A juniper, 7 ins. diam., bears N. $22^{\circ} 15'$ W., 43 lks. dist., marked S35BT.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for 4 sec. cor., with brass cap marked

S 35
S 2

1942

from which

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

low bearing tree

A pinon, 8 ins. diam., bears S. $57^{\circ} 30'$ E., 110 lks.
dist., marked S2ET.

Thence

S. $19^{\circ} 50'$ W., bet. secs. 2 and 35.

24.00

Enter medium dense timber, bears N. and S.

40.24

The cor. of secs. 2, 3, 34, and 35, which is a sandstone,
29x17x15, firmly set in the ground, and marked 4 notches
on W. and 2 notches on E. edge, and witnessed by mound
of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, with original cor. monument deposited at base,
for cor. of secs. 2, 3, 34, and 35, with brass cap marked

T14S	N13E
S 3 1/2	S 35
S 3	S 2
119S	
1942	

from which

low bearing trees marked

A juniper, 6 ins. diam., bears N. $55^{\circ} 30'$ E., 240 lks.
dist., marked T14S N13E S35ET.

A juniper, 8 ins. diam., bears S. $71^{\circ} 30'$ E., 310 lks.
dist., marked N15S N13E S32ET.

A juniper, 4 ins. diam., bears S. $52^{\circ} 30'$ W., 37 lks.
dist., marked N15S N13E S32ET.

A juniper, 10 ins. diam., bears N. $48^{\circ} 15'$ W., 103 lks.
dist., marked T14S N13E S34ET.

Land, rolling; drainage S.W.

Soil, rocky sandy and clay loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sagebrush; medium growth of weeds and grass.
Good grazing land.

Reestablishment of surveys executed by A. D.
Perron, Deputy Surveyor, in 1885, and retraced
by Anderson and Ware, Deputy Surveyors in 1899.

From the sec. cor., sec. 12, on E. bdy. of T. 15 S., R.
13 E., which is a sandstone, 20x13x12 ins., firmly set
in the ground, and marked 4 on W. face,

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square one foot below top, and balance cylindrical in
shape about 10 ins. diam., 28 ins. in the ground, with
original cor. monument deposited at base, for sec. cor.,
sec. 12, with brass cap marked

INDEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

- Station on 1/4 sec. 12, of T. 15 S., R. 13 E., from which
S12 1942 from which
A pinon, 8 ins. diam., bears N. 81° 45' W., 18 lks.
dist., marked S12BT.
- Thence
N. 0° 16' E., along E. bdy. of sec. 12.
Over broken rocky land sloping W., through scattered
timber, and undergrowth.
- 8.75 Wash, 1 ch. wide, 20 ft. deep, course N. 70° W.
- 37.40 Wash, 20 lks. wide, with small stream of alkali water,
in draw, course S. 60° W.; ascend rocky S. slope.
- 40.11 Proportionate dist.; on rocky S. slope, and W. bank of
small wash, draining S.
- Set an iron post, 20 ins. long, 2 ins. diam., 12 ins.
in drilled hole in W. edge of stationary boulder, 4 ft.
and in concrete to top, for cor. of secs. 1 and 12, with
brass cap marked
- | | |
|------|------|
| 1135 | |
| 113E | 113E |
| S 1 | S 1 |
| S12 | S 1 |
- 1942.
- from this cor. the original cor. monument, bears S. 54° E.,
34 lks. dist., a boulder, 24x24x22 ins., lying loose in
bottom of small wash, and marked 5 grooves on one face,
1 groove on cornering face. This boulder has evidently
rolled from its original position to bottom of wash.
- Land, broken and draining westerly.
Soil, coarse rocky sandy and clay lean; 3rd to 4th rate.
Timber, scattered juniper and pinon.
Undergrowth, sagebrush; medium growth of weeds and
grass. Good grazing land.
-
- N. 0° 16' E., along E. bdy. of sec. 1.
Ascend steep rocky S. slope, through very scattered timber
and undergrowth.
- 3.50 Branch track of D. & R.G.W. R.R., bears W., and S.E., to
Columbia, Utah.
- 10.00 Edge of bench, 260 ft. above sec. cor., bears W. and
S. 80° E.; thence over rolling land.
- 15.00 Draw, 50 ft. deep, course W.
- 17.00 Branch, branch of D. & R.G.W. R.R., bears E. to Sunnyside,
Utah and W.
- 17.75 Barbed wire fence, bears E. and W.; enter cultivated
land.
- 20.00 End point

Chains

21120

Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 in. square one ft. below top, and balance cylindrical shaped about 10 ins. diam., 20 ins. in the ground, for S. 1/16 sec. cor., sec. 1, with brass cap marked

S 1/16

S 1

1942

28.25 Whitmore creek, stream of clear water, 15 lks. wide, course S. 10° W.

30.50 Leave cultivated land, bears E. and W.

38.00 Oiled highway, bears NE. to Sunnyside, Utah, and SW. to Price, Utah.

40.11 The original position of the 4 sec. cor., identified on the ground by Henry Jones, Civil Engineer, Sunnyside, Utah who stated that he had seen the original cor. monument in its original position at the cor. of a fence at SE. cor. of cemetery, and that he had commenced surveys from the original cor. on a number of occasions. No evidence of the original cor. monument could be found.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and the balance cylindrical in shape about 10 ins. diam., 20 ins. in the ground, for 4 sec. cor., sec. 1, with brass cap marked

S 1

1942

Thence

N. 0° 35' E., along E. bdy. of sec. 1.

Along barbed wire fence along E. side of cemetery.

4.50 NE. cor. of cemetery and fence.

5.50 Road, unimproved, bears E. and W.

21.25 Old road, bears N. 70° W., and SE.

28.00 Wash, 10 lks. wide, 3 ft. deep, course SW.; ascend gradual S. slope, entering timber.

35.00 Low spur, 40 ft. high, projects W.; descend.

41.04 The cor. of Tps. 14 and 15 S., Rs. 13 and 14 E.

Land, rolling; drainage W.

Soil, coarse sandy clay loam; rocky; 3rd rate.

Timber, juniper and pinon on portion of mile.

Undergrowth, sagebrush; medium growth of shrubs and grass.

Good grazing land.

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

41

Chains

Reestablishment of surveys executed by Stewart
M. Pancake, Deputy Surveyor, in 1884.

From the cor. of secs. 1 and 12, on E. bdy. of Tp.

S. 89° 07' W., bet. secs. 1 and 12.

Over rocky S. slope broken by small clay spurs and draws,
through scattered undergrowth

20.178 Mid point on E. half mile, secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground for E. 1/16
sec. cor., with brass cap marked

E 1 S 1
16 12

1942

21.50 Draw, course S. 20° W.; ascend along steep S. slope.

27.50 Oiled highway, bears SE. to Columbia, Utah, and NW. to
Price, Utah

36.70 Track of D. & R. G. W. R.R., bears NE. to Columbia, and SW.

40.355 Proportionate dist.; on steep rocky S. slope, 100 ft. above
sec. cor.; no evidence of a sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground, for a sec.
cor. with brass cap marked

S 1
S 12

1942

42.00 Recross oiled highway, bears N. 75° E., and S. 75° W.

49.00 Edge of bench, 100 ft. above a sec. cor.; bears NE. and
SW.; thence over rolling bench land.

51.00 Junction of roads, bears SE. to Columbia, Utah, NW. to
Price, Utah, and W. to Sunnyside, Utah; enter medium
dense timber.

60.533 Mid point on W. half mile, secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground, for W. 1/16
sec. cor., with brass cap marked

W 1 S 1
16 12

1942

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

- 60.71 Proportionate dist. bet. cor. of secs. 1 and 12, and cor. of secs. 4, 5, 8, and 9, and the $\frac{1}{2}$ sec. cor. bet. secs. 1 and 2, and cor. of secs. 23, 24, 25, and 26. No evidence of cor. of secs. 1, 2, 11, and 12 found.

Set an iron post, 3 ft. long; 2 ins. diam., in concrete form 36 ins. long, 6 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 26 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap marked

T15S	R13E
S 2	S 1
S11	S12

1942

from which

A pinon, 5 ins. diam., bears N. $36^{\circ} 45'$ E., 29 lks. dist., marked T15SR13ES1BT.

A pinon, 3 ins. diam., bears S. $50^{\circ} 15'$ W., 40 lks. dist., marked BT.

From this sec. cor., the cor. of secs. 23, 24, 25, and 26 bears S. $0^{\circ} 26'$ W., 239.88 chs. dist.; a sandstone, 11x10x10 ins., firmly set in the ground and mound of stone, and marked 2 notches on S., and 1 notch on E. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T15S	R13E
S23	S24
S26	S25

1942

raise a mound

of stone, 36 ft. base, 3 ft. high, W. of cor.

Land, steep and broken slope of bench on E. portion, and rolling on W. portion of mile.

Soil, rocky sand and clay, 3rd to 4th rate on E. portion, and gravelly sandy clay loam on W. portion; 3rd rate.

Timber, juniper and pinon on W. portion of mile.

Undergrowth, sagebrush; medium growth of weeds and grass. Good grazing land.

S. $0^{\circ} 43'$ E., bet. secs. 1 and 2.

Over rolling land, through medium dense undergrowth.

- 1.00 Gravel road, bears S. $77^{\circ} 30'$ W., to Price, Utah, and N. $77^{\circ} 30'$ E. to Columbia, Utah, leave timber.

- 2.00 E. G.W.R.R., bears E. $77^{\circ} 33'$ E. to Sunnyside, Utah, and S. $77^{\circ} 33'$ W.

- 3.00 Paved highway, parallel to railroad, to Sunnyside, Utah.

- 11.00 Enter cultivated land, bears E. and W.

- 12.00 Mid point, S. half mile, secs. 1 and 2.

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DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for S. 1/16 sec. cor., with brass cap marked

S 1
16

S 2 | S 1

1942

23.00 Leave cultivated land, bears E. and W.

25.00 Whitmore creek, stream of clear water, 15 lks. wide, course W.; enter scattered timber.

38.20 Unimproved road, bears E. and W.

39.98 The 1/4 sec. cor., which is a sandstone, 13x8x6 ins., firmly set in the ground and mound of stone, and marked 1 on W. face.

At point for cor.

Set an iron post, 3 ft. long; 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S 2 | S 1

1942

From which

A pinon, 6 ins. diam., bears N. 30° 30' E., 92 lks. dist., marked S1BT.

A pinon, 6 ins. diam., bears N. 66° 30' W., 57 lks. dist., marked S2BT.

Thence

N. 1° 03' W., bet. secs. 1 and 2.

2.50 Wash, 50 lks. wide, 4 ft. deep, course S. 70° W.

10.70 Wash, 60 lks. wide, 10 ft. deep, course SW.

40.41 The cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp.

Land, rolling.

Soil, sandy loam, rocky and gravelly on portions of mile; 3rd to 2nd rate.

Timber, juniper and pinon on portions of mile.

Under growth, sagebrush; medium growth of weeds and grass.

Good grazing land; along Whitmore creek, cultivated.

From the cor. of secs. 1, 2, 11, and 12.

N. 88° 48' W., bet. secs. 2 and 11.

Over rolling land; through medium dense timber, and undergrowth.

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 15 E.

Chains

9.20

D. & R. H. W. R.R., bears N. 77° 33' E. to Sunnyside, and
S. 77° 33' W.

13.40

Oiled highway, parallel to railroad,

20.125

Mid point, E. half mile, secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground, for E. 1/16
sec. cor., with brass cap marked

E 1 S 2
16 11

1942

from which

A pinon, 5 ins. diam., bears S. 62° 45' W., 28 lks.
dist., marked E 1/16 S 11BT.

A pinon, 6 ins. diam., bears N. 38° W., 31 lks.
dist., marked E 1/16 S 2BT.

40.25

Proportionate dist.; no evidence of the $\frac{1}{4}$ sec. cor. found

Set an iron post, 3 ft. long, 1 in. diam., in concrete
form 36 ins. long, 8 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape
about 10 ins. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec.
cor. with brass cap marked

$\frac{1}{4}$ S 2
S 11

1942

from which

A juniper, 3 ins. diam., bears S. 32° 10' E., 147 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears N. 76° W., 179 lks.
dist., marked BT.

Leave timber.

60.50

Proportionate dist., bet. the cor. of secs. 1 and 12, and
cor. of secs. 4, 5, 8, and 9, and bet. the cor. of secs.
2, 3, 34, and 35, on N. bdy. of Tp., and cor. of secs.
10, 11, 14, and 15. No evidence of the original cor. of
secs. 2, 3, 10, and 11, found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 2, 3, 10, and 11, with brass cap
marked

T15S R13E
S 3 S 2
S 10 S 11

1942

of stone, 3 ft. base, 3 ft. high, W. of cor. of secs. 10, 11, 14, and 15, to raise a mound

From this cor., the cor. of secs. 10, 11, 14, and 15, bears
S. 0° 48' W., 78.44 chs. dist., a stationery monument
18.18 ins. above ground, marked with a cross, and

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

. brass

grooves to the S., and 2 grooves to the E. of cross.

At

At point for cor.

Set a brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, seated in concrete in boulder, for cor. of secs. 10, 11, 14, and 15, with top marked

T15S	R13E
S10	S11
S15	S14

1942

from which

A juniper, 5 ins. diam., bears N. $63^{\circ} 30'$ E., 26 lks. dist., marked S11ET.

A juniper, 9 ins. diam., bears S. $63^{\circ} 30'$ W., 147 lks. dist., marked T15SR13E15BT.

Raise a mound of stone, 5 ft. base, 3 ft. high, W. of cor.

From cor. of secs. 2, 3, 10, and 11, the cor. of secs. 4, 5, 8, and 9, bears N. $89^{\circ} 52'$ W., 160.99 chs. dist.; a sandstone, 10×5 ins., firmly set in the ground and old mound of stone, and marked 5 notches on S. edge, and 4 notches on E. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T15S	R13E
S 5	S 4
S 6	S 9

1942

raise a mound

of stone, 3 ft. base, 3 ft. high, W. of cor.

From this cor.; a sandstone, 13×5 ins., firmly set in the ground, and marked 5 notches on S., and 4 notches on E. edge, bears N. 60° W., 87 lks. dist. The origin of this cor. is not known. I remove the stone, and deposit it at base of cor. of secs. 4, 5, 8, and 9.

Land, rolling.

Soil, gravelly sandy loam; 3rd rate.

Timber, juniper and pinon on E. portion of mile.

Undergrowth, sagebrush; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 2, 3, 10, and 11.

N. $0^{\circ} 11'$ W., bet. secs. 2 and 3.

Over rolling land, through medium dense undergrowth.

16.50 Whitmore creek, stream of clear water, 10 lks. wide, course W.; enter scattered timber.

19.10 Unimproved road, bears E. and W.

DEPENDENT RESURVEY OF
BOUNDARIES OF SECTIONS 1 AND 2, T. 15 S., R. 13 E.

Chains

39.22 Proportionate dist.; no evidence of $\frac{1}{4}$ sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 3 | S 2

1942

from which

A pinon, 8 ins. diam., bears N. $34^{\circ} 55'$ E., 316 lks. dist., marked 4S2ET.

A juniper, 6 ins. diam., bears S. $20^{\circ} 30'$ W., 73 lks. dist., marked 4S3ET.

43.70 Wash, 30 lks. wide, 4 ft. deep, course SW.

70.44 The cor. of secs. 2, 3, 34, and 35, on N. bdy. of Tp.

Land, rolling.

Soil, gravelly sandy loam; 3rd rate.

Timber, juniper and pinon on N. portion of mile.

Undergrowth, sagebrush; medium growth of weeds and grass

Good grazing land.

SUBDIVISION OF SECTION 1, T. 15 S., R. 13 E.

From the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 12.

N. $0^{\circ} 15'$ W., along N. and S. center line, sec. 1.

Ascend abrupt S. slope, through medium dense undergrowth.

0.30 Oiled highway, bears N. 75° E., to Columbia, Utah, and S. 75° W.

2.50 Rim of bench, 70 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; thence over rolling land.

9.90 D. & R. G. W. R.R., bears N. $77^{\circ} 33'$ E., to Sunnyside, Utah, and S. $77^{\circ} 33'$ W.

10.90 Oiled highway, parallel to railroad; from Price, Utah to Sunnyside, Utah.

16.00 Enter cultivated land, bears E. and W.

20.02 Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., set 28 ins. in the ground, for center S. $1/16$ sec. cor., with brass cap marked

C
S $\frac{1}{16}$ | S 1
C

1942

31.00 Leave cultivated land, bears E. and W.

31.60 Whitmore creek, a stream of clear water, 15 lks. wide,

SUBDIVISION OF SECTION 1, T. 15 S., R. 13 E.

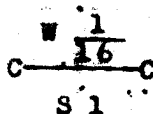
Chains

- 31.01 course W.
- 38.80 Unimproved road, bears E. and W.
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for center $\frac{1}{4}$ sec. cor., with brass cap marked
- $C \frac{1}{4} S 1$
- 1942 from which
- A juniper, 4 ins. diam., bears N. $47^{\circ} 30'$ E., 271 lks. dist., marked BT.
- A juniper, 5 ins. diam., bears N. $39^{\circ} 35'$ W., 160 lks. dist., marked $C \frac{1}{4} S 1$ BT.
- 41.80 Wash, 40 lks. wide, 6 ft. deep, course W.; enter scattered timber.
- 59.25 Wash, 30 lks. wide, 3 ft. deep, course SW.
- 81.14 The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, on N. bdy. of Tp.
- Land, rolling.
Soil, gravelly sandy loam; rocky; 2nd rate.
Timber, juniper and pinon on N. portion of mile.
Undergrowth, sagebrush; medium growth of weeds and grass.
Good grazing land; land cultivated along Whit oak creek.
-
- from $\frac{1}{4}$ sec. cor., sec. 1, on E. bdy. of Tp.
- S. $89^{\circ} 01'$ W., along E. and W. center line, sec. 1.
- Over rolling land, through medium dense undergrowth, along S. side of cemetery.
- 8.00 SW. cor. of cemetery, bears E., and N.
- 20.36 Set an iron post, 3 ft. long, 1 in. diam., in concrete form 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for center E. $1/16$ sec. cor., with brass cap marked
- $E \frac{1}{16}$
- $C \frac{1}{16} S 1$
- 1942 from which
- A pinon, 10 ins. diam., bears N. $60^{\circ} 55'$ W., 251 lks. dist., marked $CE \frac{1}{16} S 1$ BT.
- 25.00 Unimproved road, bears N. 80° E., and S. 80° W.; enter scattered timber.
- 40.72 The center $\frac{1}{4}$ sec. cor.
- 58.50 Unimproved road, bears N. 80° W., and S. 80° E.
- 60.56 Set an iron post, 3 ft. long, 1 in. diam., in concrete

SUBDIVISION OF SECTION 1, T. 15 S., R. 15 E.

Chains

form, 36 ins. long, 6 ins. square at top, flared to 12 square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for center 1/16 sec. cor., with brass cap marked



1942

from which

A pinon, 12 ins. diam., bears N. 57° 30' E., 192 lks. dist., marked CW 1/16 S1ET.

A pinon, 5 ins. diam., bears N. 10° 15' W., 170 lks. dist., marked CW 1/16 S1ET.

Unimproved road, bears N. 80° E., and S. 80° W.

The sec. cor. bet. secs. 1 and 2.

Land, rolling; drainage W.

Soil, gravelly sandy loam; rocky; 3rd rate.

Timber, juniper and pinon on W. portion of mile.

Under growth, sagebrush; medium growth of weeds and grass.

Good grazing land.

from the E. 1/16 sec. cor., secs. 1 and 12.

North, along N. and S. center line, SE 1/4 sec. 1.

Ascend S. slope broken by small clay spurs, through medium dense undergrowth.

E. & K. G. W. R.R., bears E. and W.; to Columbia, Utah

Deep about 2 chs. wide, in draw, course SW.; continue a cent over S. slope.

Edge of bench, 180 ft. above 1/16 sec. cor., bears E., and S. 15° W.; thence over rolling land.

D. & K. G. W. R. R., bears E. 77° 33' E. to Sunnyside, Utah, and S. 77° 33' W.

Oiled highway, parallel to railroad; to Sunnyside, Utah, and Price, Utah.

Enter cultivated land, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 6 ins. square at top, flared to 12 in square a foot below top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground, for SE 1/16 cor., with brass cap marked.



1942

Leave cultivated land, bears E. and N. 1/2 sec. 1.

Whitmore creek, a stream of class natural to the course W.

1984
15th DIVISION OF SECTION 11, T. 15 S., R. 13 E.

40.07 The center E. 1/16 sec. cor., sec. 1.
Land, broken on S. portion, and rolling on N. portion of
half mile.
Soil, rocky clay on S. portion, and gravelly on N. portion;
cultivated on portion along creek.
No timber.
Undergrowth, sagebrush; medium growth of weeds and grass.

From the S. 1/16 sec. cor., sec. 1, on E. bdy. of Tp.
S. 89° 04' W., along E. and W. center line, SE 1/4 sec. 1.
Over nearly level cultivated land.

9.40 Oiled highway, bears N. 15° E. to Sunnyside, Utah, and
S. 15° W., to Price, Utah.

20.27 The SE 1/16 sec. cor., sec. 1.

40.54 The center S. 1/16 sec. cor., sec. 1.

Land, nearly level.
Soil, sandy loam; 2nd rate. Cultivated.

From the W. 1/16 sec. cor., secs. 1 and 12:

N. 0° 14' E., along N. and S. center line, SW 1/4 sec. 1.

Over rolling land, through medium dense timber, and under-
growth.

1.30 Gravel road, bears E. to Columbia, Utah, and W. to Price,
Utah.

5.75 D. & R. S. W. R. R., bears N. 77° 33' E., to Sunnyside,
Utah, and S. 77° 33' W.; leave timber.

6.70 Oiled highway, parallel to railroad; Sunnyside, Utah to
Price, Utah.

15.50 Enter cultivated land, bears E. and W.

20.005 Set an iron post, 3 ft. long, 1 in. diam., in concrete
form, 36 ins. long, 6 ins. square at top, flared to 12 ins.
square a foot below top, and balance cylindrical in shape,
about 10 ins. diam., 20 ins. in the ground, for SW 1/16
sec. cor., with brass cap marked

SW $\frac{1}{16}$

81

1942

22.00 Leave cultivated land, bears E. and W.

22.50 Whitmore creek, a stream of clear water, 15 lks. wide,
source N.

40.01 The center N. 1/16 sec. cor., sec. 1.

SUBDIVISION OF SECTION 1, T. 15 S., R. 13 E.

Chains

Land, rolling.
Soil, gravelly; along creek, sandy loam; 2nd to 3rd rate.
Timber, juniper and pinon on S. portion of half mile.
Undergrowth, sagebrush; medium growth of weeds and grass.

from the center S. 1/16 sec. cor., sec. 1.

S. 19° 04' W., along E. and W. center line, SW 1/4 sec. 1.

Over nearly level cultivated land.

20.01 The SW 1/16 sec. cor., sec. 1.

40.02 The S. 1/16 sec. cor., secs. 1 and 2.

Land, nearly level.

Soil, sandy loam; 2nd rate; cultivated.

SUBDIVISION OF SECTION 2, T. 15 S., R. 13 E.

from the S. sec. cor., secs. 2 and 11.

N. 0° 11' W., along E. and S. center line, sec. 2.

Over rolling land under cultivation.

19.80 Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape, about 10 ins. diam., 28 ins. in the ground, for center S. 1/16 sec. cor., with brass cap marked

C
S 1/16 S 2
C

1942

Leave cultivated land, enter scattered timber.

26.20 Whitmore creek, stream of clear water, 15 lks. wide, course W.

30.60 Wash, 30 lks. wide, 10 ft. deep, course S. 60° W.

39.60 Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape, about 10 ins. diam., 28 ins. in the ground, for center 1/4 sec. cor., with brass cap marked.

C 1/4
+
S 2

1942

from which

A juniper, 3 ins. diam., bears N. 39° 40' E., 310 lks. dist., marked BT.

A juniper, 4 ins. diam., bears N. 64° W., 327 lks. dist., marked C+S2BT.

SUBDIVISION OF SECTION 2, T. 15 S., R. 13 E.

Chains	
39.75	Unimproved road, bears E. and W.
70.40	Wash, 15 lks. wide, 3 ft. deep, course S. 30° W.
79.39	The 1/4 sec. cor., secs. 2 and 35, on N. bdy. of Tp. Land rolling; drainage W. Soil, gravelly sandy loam; 3rd rate. Timber, juniper and pinon on portion of mile. Undergrowth, sagebrush; medium growth of weeds and grass.
	From the 1/4 sec. cor., secs. 1 and 2. N. 89° 21' W., along E. and W. center line, sec. 2. Over rolling land, through timber, and medium dense undergrowth.
20.43	Set an iron post, 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12 ins. square a foot below top, and balance cylindrical in shape about 10 ins. diam., 20 ins. in the ground, for center E. 1/16 sec. cor., with brass cap marked C E 1/16 C S 2. 1/42 from which A juniper, 4 ins. diam., bears E. 76° 15' E., 176 lks. dist., marked on 1/16 S 2. A juniper, 10 ins. diam., bears S. 74° 30' E., 92 lks. dist., marked on 1/16 S 2.
27.00	Wash, 30 lks. wide, 3 ft. deep, course SW.
27.00	Unimproved road, bears E. and W.
32.50	Across wash, course E.
35.50	Across wash, course SW.
40.00	The center 1/4 sec. cor.
60.20	Unimproved road, bears S. 10° W., and N. 10° E.
64.00	Wash, 60 lks. wide, 3 ft. deep, course S. 15° W.
61.11	The 1/4 sec. cor. of secs. 2 and 3. Land, rolling. Soil, gravelly sandy loam; 3rd rate. Timber, scattered juniper and pinon. Undergrowth, sagebrush; medium growth of weeds and grass.
	From the E. 1/16 sec. cor., secs. 2 and 11. N. 0° 16' E., along N. and S. center line, S 1/2 sec. 2. Over rolling land, cleared of timber and brush.
19.00	Enter scattered timber, and undergrowth, bears E. and W.
19.895	Set an iron post; 3 ft. long, 1 in. diam., in concrete form, 36 ins. long, 8 ins. square at top, flared to 12

SUBDIVISION OF SECTION 2, T. 15 S., R. 13 E.

Chains

ins. square a foot from top, and balance cylindrical in shape about 10 ins. diam., 28 ins. in the ground for SE 1/16 sec. cor., with brass cap marked

SE 1/16

+

S 2

1942

from which

A pinon, 4 ins. diam., bears N. 58° 50' E., 28 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 85° 35' W., 60 lks. dist., marked BT.

22.50 Whitmore creek, a stream of clear water, 15 lks. wide, course W.

39.79 The center E. 1/16 sec. cor., sec. 2.

Land, rolling.

Soil, gravelly and rocky sandy loam; 3rd rate.

Timber, juniper and pinon on portion of mile.

Undergrowth, sagebrush; medium growth of weeds and grass.

From the S. 1/16 sec. cor., secs. 1 and 2.

N. 89° 05' W., along E. and W. center line, SE 1/4 sec. 2.

Over nearly level cultivated land.

13.00 Leave cultivated land, bears NW. and SE.

16.00 Enter scattered timber, bears NW. and SE.

20.28 The SE 1/16 sec. cor., sec. 2.

40.56 The center S. 1/16 sec. cor., sec. 2.

Land, rolling; cultivated on E. portion of half mile.

Soil, sandy loam on E. portion, and rocky sandy loam on W. portion of half mile; 2nd to 3rd rate.

Timber, juniper and pinon on W. portion.

Undergrowth, sagebrush; medium growth of weeds and grass.

GENERAL DESCRIPTION

Sections 1 and 2 vary from rolling land in the major portions to broken slopes of bench in the S 1/2 SE 1/4 of sec. 1. Whitmore creek, a small stream of clear water about 15 lks. wide, drains westerly through the two sections.

The soil consists of a rocky and gravelly sandy loam, except a narrow strip along south of Whitmore creek, which is a sandy loam. The soil supports a medium growth of sagebrush, weeds, and grass. From a scattered to medium growth of scrub juniper and pinon timber is found on most of the two sections.

A branch of the D. & R. G. W. R. R., and an oiled highway passes through sections 1 and 2, to Sunnyside, Utah; located in section 32, T. 14 S., R. 14 E. Also a branch

GENERAL DESCRIPTION

Chains

of the railroad, and an oiled highway passes through the southeast corner of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, to Columbia, Utah, located in T. 15 S., R. 14 E.

A townsite of the Defense Plant Corporation, Columbia Housing Project, is located in the S $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 2; and W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, and E $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, and considerable construction work was being done on the townsite at the time of this survey.

The mean magnetic declination was found to be 16° 30' E.

[illegible]

Page

FIELD ASSISTANTS

A-2419

CERTIFICATE OF SURVEYOR

We, Ralph Gentry, Elliot Bird, Andrew Nelson, Robert C. Yundt,
 J. and J. C. Clark, HEREBY CERTIFY upon honor that,
 supplemental
 pursuant to special instructions bearing date of the 14th day of October, 1942,
 received from the district cadastral engineer for Utah, with supplemental, and assignment
 instructions dated Sept. 2, 12, and 26, and Oct. 17, 1942, we have
 dependently resurveyed the boundaries, and surveyed the subdivision
 of sections 1 and 2, T. 15 S., R. 13 E.,

of the Salt Lake Meridian, in the State of Utah, which are
 represented in the foregoing field notes as having been executed by us and under our direction; and that said
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
 Salt Lake City, Utah,
 Feb. 3, 1943.

Ralph Gentry, Cadastral Engineer
 Elliot Bird, Associate Cadastral Engineer
 Andrew Nelson, Assistant Cadastral Engineer
 Robert C. Yundt, Assistant Cadastral Engineer
 J. C. Clark, Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., MAR 3 1944, 1944

The foregoing field notes of the survey of dependent
 the survey of the subdivision of sections 1 and 2, T. 15 S., R. 13 E.

executed by Ralph Gentry, Elliot Bird, Andrew Nelson, Robert C. Yundt, and
 J. C. Clark, under supplemental
 instructions dated October 14, 1942 and supplemental, and assignment
 instructions dated Sept. 2, 12, and 26, and Oct 17, 1942, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Frank H. Benson
 Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in
 is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

Book "A"

FIELD NOTES

INDEPENDENT RESURVEY OF PORTIONS OF THE SOUTH AND WEST BOUNDARIES AND THE SUBDIVISION,

INDEPENDENT RESURVEY OF THE EASTERN PART OF THE SOUTH BOUNDARY,

ORIGINAL SURVEY OF THE EAST AND NORTH BOUNDARIES AND PART OF THE SUBDIVISION

EXTENDING THE SUBDIVISION OF

TOWNSHIP 15 SOUTH, RANGE 16 EAST

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

E. C. Clark, Surveyor, and Robert C. Yundt, Assistant Cadastral Engineer

Under special instructions dated May 17, 1932, which provided

for the surveys included under Group No. 228-Utah, bearing the approval of the

Commissioner of the General Land Office under date of June 18, 1932

July 5, 1934

and assignment instructions dated September 11, 1939, 19

June 10, 1942

Survey commenced July 23, 1934

Survey completed September 3, 1942

INDEX DIAGRAM.

Township 15 South, Range 16 East

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The original survey of the south boundary, or Third Standard Parallel South, and the west boundary of the township, was made by A. D. Ferron, Deputy Surveyor, as a part of a group of exterior lines in 1885. The west boundary and the western part of the south boundary was resurveyed, and a small part of the subdivision in the southwest corner of the township was surveyed by Harvey D. Heist, Deputy Surveyor in 1903, as shown upon plats approved March 19, 1904. The following notes are those of a dependent resurvey of the northern part of the west boundary, the south boundary of section 33, the boundary of the previously surveyed part of the subdivision; an independent resurvey of the south boundaries of sections 34, 35, and 36; and an original survey of the east and north boundaries, and part of the remaining subdivisional lines. The north east portion of the township is in very rough and broken country, cut by numerous box canyons, and, since there was no immediate call for the survey of this area, it was omitted at this time. The dependent resurvey is a reestablishment of the original lines in their true original position according to the identified evidence. Before reconstructing or restoring a corner, the lines of the original survey were retraced and a search made for the calls of the field notes. After completing the necessary retracements the rules of proportionate measurement were applied in order to ascertain the position of each lost corner, and when duly identified or restored, the corner position was properly remonumented. The true line courses and distances alone appear in the notes.

The survey was commenced on July 23, 1934 by J. C. Clark, Surveyor and suspended by him on September 4th of the same year. On September 27, 1939 field work was resumed by Robert C. Yundt, Surveyor, and again suspended on December 5, 1939. Yundt resumed work again on July 17, 1942 and finished it September 3, 1942. The survey was executed with Ypung and Son's solar transit number 8520, used by Clark and Buff and Buff solar transit number 9797, used by Yundt. The instruments are provided with horizontal plates with two double verniers, placed opposite to each other; full vertical circles with one double vernier; and are equipt with improved Smith solar attachments. The verniers of the horizontal plates, vertical circles, and the latitude and declination arcs of the solar attachments, are all graduated to single minutes of arc. The instruments were approved for use on the work by the District Cadastral Engineer for Utah in Assignment Instructions dated July 5, 1934, September 11, 1939, and June 10, 1942, conditional upon satisfactory field tests. The required tests were made in the field, prior to the beginning of the field work in each instance, and the instruments found to be in proper adjustment.

The geographic position of the southeast corner of the township, as given in the special instructions is as follows: Latitude $39^{\circ}28'$ north, longitude $110^{\circ}04'$ west. Latitude observations, taken on line during the survey, indicate that value for latitude is correct.

The measurements were made with Lallie steel ribbon tapes, 5 and 8 chains in length. The tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of the several intervals determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which are used in these notes. In some of the exceptionally rough land, and where high ledges were encountered, resort was made to triangulation in order to obtain the distance on line. In these instances the base line was laid out in the best available location, the base double chained, and upon proper agreement, the mean value was used as the true length of the base line. All angles were measured by repetition, and the angles of each triangle was balanced to 180° .

The azimuth determinations in 1934 were accomplished by means of the solar attachment, and a record of the establishment of the test meridian, as well as the test of the solar attachment, will follow. The direction of the lines in 1939 and 1942 were determined by reference to Polaris observations, made on line during the survey, and a record of these may be found in the body of the notes.

Chains

Establishment of a meridian and test of the solar attachment of Young and Son's transit number 8520:

July 24, 1934: At my camp in the northwest quarter of section 29, township 15 south, range 16 east, in latitude $39^{\circ}29'30''$ north, longitude $110^{\circ}09'30''$ west, at 11h 50m 27s p.m., correct 105th meridian standard time, I observe Polaris at Eastern elongation, making four settings, two each with the telescope in direct and reversed position noting the time of the observations and marking the mean point in the line thus determined, by a tack in a hub, firmly set in the ground about ten chains north of my station. Azimuth of Polaris at Elongation $1^{\circ}21'50''$ east. July 25th, I lay off the azimuth of Polaris to the left of the above mark, and set a second tack in a hub, firmly set in the ground about ten chains north, defining the true meridian. Every half hour, from 6 a.m. to 11 a.m. and from 1 p.m. to 5 p.m., I make the proper settings on the latitude and declination arcs, and determine a meridian with the solar attachment. As these indicated meridians do not vary more than one minute of arc from the true meridian as established above, I conclude that the solar attachment is in satisfactory adjustment. Tests of the solar attachment, similar to the one given above, were made at frequent intervals during the field work, in order to insure the continued accuracy of the solar attachment.

Dependent Resurvey of the Third Standard Parallel South in Range 16 East.

Reestablishment of the Surveys Executed by Harvey D. Heist, Deputy Surveyor in 1903.

Beginning at the corner of sections 32 and 33 on the south boundary of township 15 south, range 16 east, marked by a sandstone rock, 16x10x8 ins., firmly set in the ground and marked with four grooves on the east face, two grooves on the west face, and SC on the north face, and from which:

An aspen, 7 ins. in diameter, marked SCT15SR16ES33BT, bears N. $24^{\circ}30'$ E., 55 links distant.

An aspen, 8 ins. in diameter, marked SCT15SR16ES32BT, bears N. $83^{\circ}00'$ W., 47 links distant.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the standard corner of sections 32 and 33, with brass cap marked:

SC
T15SR16E
S32 S33

1934

Deposit the original stone alongside the iron post.

Thence:

East, on true line, along the south boundary of sections 33.

Over mountainous land, through a heavy growth of timber and a dense undergrowth; descend 180 ft. over an abrupt SE. slope.

Dependent Resurvey of the Third Standard Parallel South, Range 16 East

Chains	
5.80	Hollow, drains NE., stream of clear water, 2 links wide and 1 in. deep in the bottom, ascend 305 ft. along an abrupt NW. slope to the closing corner
16.90	Ascend along a gradual NW. slope.
24.20	Leave timber, bears NE. and SW.
32.77	The closing corner of sections 3 and 4, T. 16 S., R. 16 E., marked by a sandstone rock, 12x12x3 ins. above ground, firmly set and marked with 3 grooves on each of the east and west faces, and CC on the south face, witnessed by a mound of stone to the south. Ascend 10 ft. along a NW. slope.
33.10	Spur, projects N. 10° E., descend along a gradual E. slope.
40.00	The standard $\frac{1}{4}$ section corner, marked by a sandstone rock, 16x12x3 ins. firmly set in the ground, marked SC $\frac{1}{4}$ S on the north face, and witnessed by a mound of stone to the north: At the corner point: Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground to solid rock, and in a small mound of stone, for the standard $\frac{1}{4}$ section corner, with brass cap marked: <div style="text-align: center;">SC <u>S33</u> 1934</div> Deposit the original cornerstone alongside the iron post, and rebuild the mound of stone, Thence; East, with continuous measurement. Descend 35 ft. along a gradual E. slope.
41.90	Edge of steep descent, bears N. and S., descend 875 ft. over a rough E. slope.
51.70	Enter medium growth of timber, bears N. and S.
53.80	Leave medium growth of timber, bears N. and S., and enter scattering growth of timber.
61.20	Ravine, drains NE., heading about 10 chains SW., ascend 285 ft. over a steep NW slope.
70.60	Spur, projects NE., descend 440 ft. along a steep SE. slope.
80.00	Record distance, no trace of the original corner being found: Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the restored standard corner of sections 33 and 34, with brass cap marked: <div style="text-align: center;">SC T15SR16E <u>S33 S34</u> 1934</div> Raise a mound of stone, 3 ft. base and 2 ft. high north of the post Lead, mountainous, draining NE. outcroppings of light colored

Dependent Resurvey of the Third Standard Parallel South, Range 16 East

Chains

sandstone, blue limestone, and shale formations.
Soil, dark mountain sandy loam, about 1 to 4 feet deep, lying on a sandstone bedrock; 1st to 4th rates.
Timber, aspen on the west 24 chains and aspen, maple, Douglas and white fir on the east 38 chains.
Undergrowth, deer browse, choke cherry, oak brush, wild rose, currant and goose berry; sagebrush on the tops; fair to excellent growth of grass.
Grazing, excellent on the west 42 chains, poor to fair on the east 3 chains.

Independent Resurvey of the Third Standard Parallel South,
Range 16 East.

Superseding the Survey Executed by A. D. Ferron
Deputy Surveyor in 1903

Beginning at the standard corner of sections 33 and 34.

Thence:

East, on true line, along the south boundary of section 34

Over mountainous land, through scattering timber and a scant undergrowth, descend 1180 ft. along a steep NE. slope over ledges.

25.40 Draw, drains S. 35° E., ascend 85 ft. along a SW. slope.

40.00 On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the standard $\frac{1}{4}$ section corner, with brass cap marked:

SC
 $\frac{1}{4}$ S34

1934

from which,

A juniper, 12 ins. in diameter, marked $\frac{1}{4}$ S34 SCBT, bears N. 33°45' E., 49 links distant.

No other suitable tree available for marking.

No trace of original corner could be found.

Ascend 25 ft. along a SW. slope.

42.19 Flag point on a spur projecting SE., descend 370 ft. along a NE slope.

50.80 Small draw, drains SE., ascend 40 ft. along a SW. slope.

53.40 Low spur, projects SE., descend 265 ft. along a SE. slope.

80.00 On a steep SE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the standard corner of sections 34 and 35, with brass cap marked:

SC
T15SR16E
S34 | S35

1939

Deposit a sandstone rock, 8x6x3 ins., marked with a cross

Independent Resurvey of the Third Standard Parallel, South, Range 16 East

Chains	<p>(X) at the base of the post.</p> <p>No trace of the original standard corner could be found.</p> <p>Land, rough and broken mountain slopes; drainage, SE . Soil, gravelly to rocky loam, 3rd rate. Timber, Douglas fir, mahogany, juniper, and pinon. Undergrowth, service berry, choke cherry, deer browse, and maple. Fair grazing.</p>
	<p>East, along the south boundary of section 35.</p> <p>Over mountainous land, through scattering timber and a scant undergrowth, descend 135 ft. along a SE. slope.</p>
3.70	<p>South fork of Three Canyon Draw, drains N. 60° E., stream of good water, 6 links wide and 3 ins. deep in the bottom, ascend 450 ft. along a NW. slope over ledges.</p>
30.40	<p>Spur, projects N., descend 490 ft. over an abrupt NE. slope over a series of ledges.</p>
40.00	<p>In a draw draining N.:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the standard $\frac{1}{4}$ section corner, with brass cap marked:</p> <p style="text-align: center;">SC 1535 1939</p> <p>Deposit a sandstone rock, 6x4x2 ins., marked with a cross (X) at the base of the post.</p> <p>No trace of the original corner could be found.</p> <p>Ascend 265 ft. along a broken SW. slope.</p>
47.00	<p>Spur, projects N., descend 420 ft. along a broken NE. slope over ledges.</p>
57.20	<p>Draw, drains N., ascend 535 ft. along an abrupt NW. slope over ledges.</p>
62.80	<p>Spur, projects N., descend 240 ft. along a NE. slope.</p>
71.80	<p>Draw, drains NW., ascend 530 ft. along a SW. slope over ledges.</p>
80.00	<p>Point for the standard corner of sections 35 and 36 falls upon a steeply sloping sandstone outcrop, where the monument cannot be erected:</p> <p>No trace of the original corner could be found.</p> <p>Land, rough and broken mountain slopes; drainage, NE. Soil, shallow rocky loam, 4th rate. Timber, Douglas fir and mahogany Undergrowth, sagebrush, mountain rush, and grass. Fair grazing.</p>

Independent Resurvey of the Third Standard Parallel South, Range 16 East

Chains

Beginning at the point for the corner of sections 35 and 36.

Thence:

East, along the south boundary of section 36.

Over mountainous land, through scattering timber and a scant undergrowth; ascend over ledges.

0.30

On a steep SW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the witness standard corner of sections 35 and 36, with brass cap marked:

	SC	
	T15SR16E	
	S35	S36
WC	<hr/>	
	1939	

Deposit a sandstone rock, 6x6x3 ins., marked with a cross (X) at the base of the post.

Ascend 1250 ft. along a broken SW. slope over ledges to the ridge.

8.40

Spur, projects N. 30° W., continue ascent along a NW. slope.

38.40

Ridge, bears NE. and SW., descend 55 ft. along a SE. slope.

40.00

On a steep SE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 9 ins. in the ground to solid rock, and in a mound of stone, for the standard $\frac{1}{4}$ section corner, with brass cap marked:

	SC	
	$\frac{1}{4}$ S36	
	<hr/>	

1939

Deposit a sandstone rock, 6x4x3 ins., marked with a cross (X) at the base of the post.

No trace of the original standard corner could be found.

Descend 1325 ft. along a SE. slope over ledges.

73.02

On a narrow bench in ledges:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness standard corner of townships 15 south, ranges 16 and 17 east, with brass cap marked:

	SC	
	T15S	
	R16E	R17E
	S36	S31
	<hr/>	
WC	1939	

Deposit a sandstone rock, 6x4x3 ins., marked with a cross (X) at the base of the post.

Descend 325 ft. over an abrupt SE. slope over ledges.

80.00

Point for the standard corner of township 15 south, ranges 16 and 17 east falls upon steeply sloping sandstone outcrop, where the corner

East Boundary of Township 15 South, Range 16 East

Chains

Monument cannot be erected.

No trace of the original standard corner could be found.

Land, rough and broken mountain slopes; drainage, E.

Soil, shallow sand, 4th rate.

Timber, mahogany, dwarf juniper and pinon.

Undergrowth, sagebrush, mountain rush, and weeds.

Poor grazing.

In order to verify the alignment of the standard parallel I make the following observation on Polaris. October 24, 1939

At the witness standard corner of townships 15 south, ranges 16 and 17 east, in latitude $39^{\circ}28'$ north, longitude $110^{\circ}04'$ west, I observe Polaris at western elongation, making four settings, two each with the telescope in direct and reversed positions, recording the deflection angle from my line to the left to the star. Mean 105th standard time of observation, 5h 54m 34s a.m. Time verified by comparison with radio signals from station KSL on the evening of October 23, 1939.

Mean deflection angle	$91^{\circ}19'30''$
Azimuth of Polaris at elongation	$1^{\circ}19'30''$
Bearing of line	East

Survey of the East Boundary of Township 15 South
Range 16 East

Beginning at the point for the standard corner of township 15 south, ranges 16 and 17 east:

Thence:

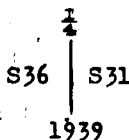
North, between sections 31 and 36.

Over rough and broken mountainous land, through scattering timber and a scant undergrowth; ascend 1405 ft. along a broken SE. slope over ledges.

23.60 Ridge, bear's NE. and SW., descend 855 ft. along an abrupt N. slope over ledges.

40.00 At the base of a sandstone ledge facing N.:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:



from which,

A point on a sandstone ledge, marked with a cross (X) bears South, 1 link distant.

Descend 1090 ft. along a steep and rugged NW. slope over ledges.

80.00 On a NW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 25, 30, 31, and 36, with brass cap marked:

East Boundary of Township 15 South, Range 28 East

Chains

T15S	
R16E	R17E
S25	S30
S36	S31
1939	

Raise a mound of stone, 3 ft. base and $2\frac{1}{2}$ ft. high, west of the post.

Land, rough and broken mountain slopes; drainage SE. and NW. from the ridge at the 23.60 chain point.
Soil, shallow rocky loam, 4th rate.
Timber, Douglas fir, mountain mahogany, dwarf juniper, and pinon.
Undergrowth, sagebrush and mountain rush.
Fair grazing.

North, between sections 25 and 30.

Over mountainous land, through scattering timber and a scant undergrowth; descend 485 ft. along a NW. slope to the draw.

1.80 Low spur, projects NW., continue descent along a N. slope.

9.70 Base of steep descent, bears E. and W., continue along a gentle N. slope in the bottom of the draw.

17.40 Old trail, bears E. and W.

18.10 Wash, 90 links wide and 10 ft. deep in the bottom of Three Canyon Draw, drains E., ascend along a gentle S. slope in the bottom of the draw.

25.00 Base of abrupt ascent, bears E. and W., ascend 460 ft. over an abrupt SE. slope over ledges.

40.00 On a SE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$	
S25	S30
1939	

Deposit a sandstone rock, 6x3x2 ins., marked with a cross (X) at the base of the post.

Ascend 205 ft. along a SE. slope.

48.25 Spur, projects S. 60° E., descend 415 ft. along a NE. slope.

55.20 Draw, drains SE., ascend 1295 ft. along an abrupt S. slope over a series of sandstone ledges.

80.00 Point for the corner of sections 19, 24, 25, and 30 falls upon face of a sandstone ledge, where the monument cannot be erected.

Land, rough and broken slopes of sandstone; drainage, E.

East Boundary of Township 15 South, Range 16 East

Chains

Soil, shallow sand, 4th rate.
 Timber, mahogany, dwarf juniper and pinon.
 Undergrowth, sagebrush, mountain rush, and weeds.
 Poor grazing.

Beginning at the point for the corner of sections 19, 24, 25, and 30.

Thence:

North, between sections 19 and 24,

Over mountainous land, through scattering timber and a scant undergrowth; ascend 45 ft. over a steep S. slope.

0.80

Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the witness corner of sections 19, 24, 25, and 30, with brass cap marked:

T15S	
R16E	R17E
S24	S19
S25	S30
WC	
1939	

Deposit a sandstone rock, 5x4x3 ins., marked with a cross (X) at the base of the post.

Ascend 550 ft. over an abrupt S. slope over ledges.

10.80

Ridge, bears E. and W., descend 1410 ft. over a steep N. slope over ledges.

40.00

On a steep N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$	
S24	S19
1939	

Deposit a sandstone rock, 7x6x4 ins., marked with a cross (X) at the base of the post.

40.30

Small wash, drains NE., ascend 65 ft. along a SE. slope.

41.60

Spur, projects NE., descend 175 ft. along a NE. slope.

46.50

Snag Canyon, drains S. 85° E., ascend 1235 ft. over an abrupt SE. slope

80.00

Point for the corner of sections 13, 18, 19, and 24 falls upon steeply sloping sandstone outcrop, where the monument cannot be erected.

Land; rough and broken sandstone slopes; drainage, E.
 Soil, shallow sand, 4th rate.
 Timber, mahogany, fir, dwarf juniper, and pinon.
 Undergrowth, sagebrush, mountain rush, weeds and grass.
 Poor grazing.

Chains

anled 0

Beginning at the point for the corner of sections 13, 18, 19, and 24
Thence:

North, between sections 13 and 18.

Over mountainous land, through scattering timber and a scant undergrowth.

0.25

On a steep S. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 9 ins. in the ground to solid rock, and in a mound of stone, for the witness corner of sections 13, 18, 19, and 24, with brass cap marked:

T158	
R16E	R17E
S13	S18
—	
S24	S19
WC	
1939	

Deposit a sandstone rock, 7x6x2 ins., marked with a cross (X) at the base of the post.

Ascend 235 ft. over a steep S. slope over ledges.

5.40

Ridge, bears E. and W., descend 1125 ft. over a steep N. slope over ledges.

40.00

Over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

4	
S13	S18
—	
1942	

Descend 95 ft. along a N. slope over ledges.

41.50

Calf Canyon, drains E., ascend 1035 ft. over a broken SE. slope over ledges.

80.00

On a steep S. slope

Set an iron post, 3 ft long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 7, 12, 13, and 18, with brass cap marked:

T158	
R16E	R17E
S12	S 7
—	
S13	S18
1942	

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; Soil, gravelly to rocky mountain loam; Timber, fir, pine, dwarf juniper, and pinon. Undergrowth, sagebrush, buck brush, weeds and grass. Fair grazing.

East Boundary of Township 15 South, Range 16 East

Chains	
	North, between sections 7 and 12. Over mountainous land, through scattering timber and a scant undergrowth, ascend 875 ft. along a broken SE. slope over ledges.
12.40	Rocky spur, projects S. 70° E., descend 345 ft. over a NE. slope over ledges.
17.90	Rocky draw, drains SE., ascend 295 ft. along a SW. slope.
26.50	Spur, projects S. 70° E., continue ascent along a rocky SE. slope.
36.30	Ridge, bears NE. and SW., descend 165 ft. along a NW. slope.
40.00	On a NW. slope: Set an iron post, 3 ft. long and 1 in. in diameter, 4 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked: <div style="text-align: center;"> $\frac{1}{4}$ S12 S7 1942 </div> Deposit a limestone rock, 7x5x5 ins., marked with a cross (X) at the base of the post. Descend 965 ft. along a broken NW. slope over ledges.
80.00	Point for the corner of sections 1, 6, 7, and 12 falls upon steeply sloping sandstone outcrop, where the monument cannot be erected. Land, rough and broken mountain slopes; drainage, E. Soil, gravelly to rocky mountain loam, 3rd rate. Timber, fir, pine, aspen, dwarf juniper, and pinon. Undergrowth, buck brush, service berry, sagebrush, weeds, and grass. Fair grazing.
0.23	Beginning at the point for the corner of sections 1, 6, 7, and 12: Thence: North, between sections 1 and 6. Over mountainous land, through scattering timber and a scant undergrowth; descend along a NW. slope. Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the witness corner of sections 1, 6, 7, and 12, with brass cap marked: <div style="text-align: center;"> T15S R16E R17E S1 S6 S12 S7 WC 1942 </div> Deposit a limestone rock, 6x5x4 ins., marked with a cross (X) at the base of the post.

East Boundary of Township 15 South, Range 16 East

Chains

Descend 575 ft. along a steep NE. slope over ledges.

15.80

South fork of Rock Creek, drains E., stream of good water, 10 links wide and 4 ins. deep, ascend 885 ft. along a SE. slope over ledges.

28.10

Rocky spur, projects E., descend 670 ft. along a NE. slope over ledge

40.00

Point for the $\frac{1}{4}$ section corner falls upon steeply sloping rock ledge where the monument cannot be erected.

41.47

On a steep N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
 S1 | S6
 W C
 1942

Deposit a limestone rock, 4x4x4 ins., marked with a cross (X) at the base of the post.

Descend 200 ft. along a NE. slope, over ledges.

44.75

North fork of Rock Creek, drains S. 60° E., stream of good water 10 links wide and 6 ins. deep; ascend 1325 ft. along a broken SE. slope to the corner.

45.80

Trail, bears E. and W., ascend over ledges.

82.62

At a point East of the corner of townships 14 and 15 south, ranges 15 and 16 east:

Over a cross (X) cut into solid rock on a narrow ledge:

Set an iron post, 3 ft. long and 3 ins. in diameter, in a large mound of stone, for the corner of townships 14 and 15 south, ranges 16 and 17 east, with brass cap marked:

T14S
 R16E | R17E
 S36 | S31
 ————
 S1 | S6
 T15S
 1942

Land, rough and broken mountain slopes; drainage, E.
 Soil, gravelly to rocky mountain loam, 3rd. rate.
 Timber, fir, pine, aspen, juniper, and cottonwood.
 Undergrowth, sagebrush, bitter brush, weeds, and grass.
 Fair grazing.

Survey of the North Boundary of Township 15 South, Range 16 East

Beginning at the corner of townships 14 and 15 south, ranges 16 and 17 East:

Thence:

North Boundary of Township 15 South, Range 16 East

Chains

- West, on true line, between sections 1 and 36.
- Over mountainous land, through scattering timber and a scant undergrowth; ascend 325 ft. along a SE. slope over ledges.
- 11.30 Spur, projects S., descend 215 ft. along a SW. slope.
- 22.50 Rocky draw, drains S. 10° E., ascend 425 ft. along a SE. slope over ledges.
- 30.14 On top of a high ledge on a spur projecting S.:
- Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner of sections 1 and 36, with brass cap marked:
- | | | |
|----|---------------|--|
| | S36 | |
| WC | $\frac{1}{4}$ | |
| | S1 | |
| | 1942 | |
- Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.
- Descend 495 ft. along a SW. slope over ledges.
- 40.00 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping loose soil where the monument cannot be perpetuated.
- Descend 265 ft. along a SW. slope.
- 49.00 Rocky draw, drains S., ascend 350 ft. along a rocky SE. slope over ledges.
- 64.70 Spur, projects S., descend 325 ft. along a broken SW. slope over ledges
- 80.00 On a SW. slope:
- Set an iron post, 3 ft. long and 2 ins. in diameter, 5 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 1, 2, 35, and 36, with brass cap marked:
- | | |
|-----------|-----|
| T14SR16E. | |
| S35 | S36 |
| S2 | S1 |
| T15S | |
| 1942 | |
- Deposit a sandstone rock, 7x2x2 ins., marked with a cross (X) at the base of the post.
- Land, rough and broken mountain slopes; drainage, SE.
Soil, gravelly to rocky mountain loam; 3rd rate.
Timber, fir, pine, dwarf juniper, and pinon.
Undergrowth, bitter brush, sagebrush, weeds, and grass.
Poor grazing.
- West, between sections 2 and 35.
- Over mountainous land, through scattering timber and a scant undergrowth, descend 325 ft. along a broken SW. slope over ledges.

North Boundary of Township 15 South, Range 16 East

Chains

29.00

North fork of Rock Creek, drains S. 60° E., stream of good water, 8 links wide and 5 ins. deep, continue along a N. slope.

30.20

Recross same creek, drains NE.,

40.00

On a S. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S35

$\frac{1}{4}$ ———

S2

1942

from which,

A willow, 4 ins. in diameter, marked $\frac{1}{4}$ S2BT, bears S. 32°30' W., 60 links distant.

No other suitable tree available for marking. Deposit a sandstone rock, 7x5x5 ins., marked with a cross (X) at the base of the post.

40.40

North Fork of Rock Creek, drains SE., ascend 265 ft. along a NE. slope over small spurs and draws putting N.

80.00

On a NE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 2, 3, 34, and 35, with brass cap, marked:

T14SR16E

S34 | S35

S3 | S2

T15S

1942

from which,

A juniper, 10 ins. in diameter, marked T14SR16ES35BT, bears N. 69°15' E., 33 links distant.

A pinon, 12 ins. in diameter, marked T15SR16ES3BT, bears S. 34°00' W., 5 links distant.

No other suitable tree available for marking.

Land, rolling canyon bottom; drainage, E.

Soil, deep, heavy, clay loam, 2nd rate.

Timber, dwarf juniper and pinon.

Undergrowth, sagebrush, shadscale, bitter brush, weeds, and grass.

Poor grazing.

West, between sections 3 and 34.

Over mountainous land, through scattering timber and a scant undergrowth, ascend 125 ft. along a NE. slope.

17.25

Spur, projects NE., continue along a general N. slope:

40.00

On a NW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section

North Boundary of Township 15 South, Range 16 East

Chains	corner, with brass cap marked:
	$\begin{array}{r} S34 \\ \frac{1}{2} \\ S3. \\ 1942 \end{array}$
	Deposit a sandstone rock, 5x4x3 ins., marked with a cross (X) at the base of the post.
	Descend 195 ft. along a NW. slope.
58.80	Draw, drains NE., ascend 990 ft. along a NE. slope over ledges.
77.20	High rocky spur, projects NE., descend 135 ft. along a W. slope over ledges.
80.00	Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 3, 4, 33, and 34, with brass cap marked:
	$\begin{array}{c} T14SR16E \\ S33 \mid S34 \\ \hline S4 \mid S3 \\ T15S \\ 1942 \end{array}$
	from which,
	A Douglas fir, 10 ins. in diameter, marked T14SR16ES34BT, bears N. 44°00' E., 48 links distant.
	A pimon, 16 ins. in diameter, marked T15SR16ES4BT, bears S. 7°15' W., 12 links distant.
	No other suitable tree available for marking.
	Land, rough and broken mountain slopes; drainage, NE. Soil, gravelly to rocky loam, 3rd rate. Timber, fir, aspen, dwarf juniper, and pinon. Undergrowth, sagebrush, bitter brush, weeds, and grass. Fair grazing.
	West, between sections 4 and 33.
	Over mountainous land, through scattering timber and a scant undergrowth; descend 225 ft. along a NW. slope over ledges.
18.70	Draw, drains NE., ascend 935 ft. along a rocky NE. slope over ledges.
40.00	Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{2}$ section corner, with brass cap marked:
	$\begin{array}{r} S33 \\ \frac{1}{2} \\ S4 \\ 1942 \end{array}$
	Deposit a sandstone rock, 6x5x4 ins., marked with a cross (X) at the base of the post.
	Ascend 115 ft. along a NE. slope over ledges.
41.20	Spur, projects N., descend 545 ft. along a NW. slope.

North Boundary of Township 15 North, Range 110 East, 6th P.M.

Chains

61.50

Draw, drains N., ascend 165 ft. along a NE. slope over ledges.

80.00

Set an iron post, 3 ft. long and 2 ins. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 4, 5, 32, and 33, with brass cap marked:

T14SR16S

S32 S33

S5 S4

T15S

1942

from which,

A Douglas fir, 18 ins. in diameter, marked T14SR16S33BT, bears N. 18°15' E., 56 links distant.

A balsam, 8 ins. in diameter, marked T14SR16S32BT, bears N. 75°00' W., 20 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, NE.
Soil, gravelly to rocky mountain loam, 3rd rate.
Timber, fir, pine, dwarf juniper, and pinon.
Undergrowth, bitter brush, sagebrush, weeds, and grass.
Poor grazing.

West, between sections 5 and 32.

Over mountainous land, through scattering timber and a scant undergrowth, descend 75 ft. along a NW. slope.

6.50

North fork of Rock Creek, drains NE., stream of good water, 3 links wide and 3 ins. deep, ascend 1365 ft. along a broken SE. slope, across small spurs and draws putting SE.

40.00

Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone outcrop, where the corner monument cannot be established.

47.50

On top of a spur projecting S, and over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

S32

WC $\frac{1}{4}$

S5

1942

Continue ascent along a broken SE. slope over small spurs and draws putting S., ascend 405 ft.

62.50

Spur, projects S., descend 315 ft. along a SW. slope over ledges.

80.00

On a SW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 16 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 5, 6, 31, and 32, with brass cap marked:

445

1942

Dependent Resurvey of the West Boundary of Township 15 South, Range

Dependent Resurvey of the West Boundary of Township 19 South, Range 16 East

446

Chains 16 East, Superseding the Resurvey Executed by Harvey D. Hoist, Deputy Surveyor in 1903.

The original corner of sections 19, 24, 25, and 30, T. 19 S., R. 16 E. and 16 E., is marked by a sandstone rock, 15x8x5 ins., firmly set in the ground and marked with 4 notches on the north edge and 2 notches on the south edge, and from which:

An aspen, 12 ins. in diameter, marked T15SR16ES19BT, bears N. 34°00' E., 17 links distant

An aspen, 9 ins. in diameter, marked T15SR16ES30BT, bears S. 67°45' E., 12 links distant.

An aspen 10 ins. in diameter, marked T15SR15ES25BT, bears S. 53°00' W., 21 links distant.

An aspen, 10 ins. in diameter, marked T15SR15ES24BT, bears N. 72°00' W., 43 links distant.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground for the corner of sections 19, 24, 25, and 30, with brass cap marked:

T15S	
R15E	R16E
S24	S19
S25	S30
1934.	

Deposit the original cornerstone alongside the iron post.

From the corner point the northeast corner of a log cabin, 18x18 ft. square, bears 2.95 chains N. 39°45' W.

Thence, from the corner point:

N. 0°08' W., on true line, between sections 19 and 24.

Over mountainous land, through heavy growth of timber and a dense undergrowth, descend along a NW. slope.

3.60 Ravine, drains N. 80° E., ascend 135 ft. along a S. slope.

5.30 Leave timber, bears NE. and W., enter dense sagebrush undergrowth.

14.50 Ascent becomes more gradual.

19.30 Spur, projects E. about 6 chains thence northeasterly, descend 45 ft. over a gradual N. slope.

24.30 Leave sagebrush and enter a heavy growth of aspen timber, bears SE. and NW.

26.50 Begin abrupt descent of 335 ft. over a N. slope.

28.70 Enter medium growth of fir timber, bears NE. and SW.

36.10 Ravine, drains NE., small stream of good water in the bottom, ascend 45 ft. along a SE. slope.

36.20 Leave fir timber, bears NE. and W.

39.75 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 18x11x3 ins., firmly set in the ground, marked $\frac{1}{4}$ on the west face, and from which:

An aspen 5 ins. in diameter, marked $\frac{1}{4}$ S19BT, bears S. 87°00' E., 5 links distant.

Dependent Resurvey of the West Boundary of Township 15 South, Range 16 East

Chains

An aspen, 6.1 ins. in diameter, marked S24BT, bears S. 34°00' W., 9 links distant.

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

1
S24 S19

1934

Deposit the original stone alongside the iron post.

Thence:

N. 0°14' E., between sections 19 and 24.

3.70 Leave aspen timber, bears NE. and SW, and enter dense undergrowth of sagebrush.

10.10 Spur, 150 ft. above the $\frac{1}{4}$ section corner, projects N. 60° E. about 15 chains, thence northeasterly; descend 595 ft. along a NW. slope.

13.10 Leave sagebrush, and enter heavy growth of aspen and white fir timber, bears E. and W.

25.90 Fir timber becomes scattering, bearing E. and W., enter dense undergrowth of choke cherry and maple.

30.20 Enter heavy growth of fir timber, bears E. and W.

34.30 Ravine, bears N. 60° E., ascend an abrupt SE. slope 150 ft. to the section corner.

36.10 Leave timber, bears E. and W., and enter dense undergrowth of sagebrush and young mahogany.

39.90 The corner of sections 13, 18, 19, and 24, marked by a sandstone rock, 16x10x5 ins., firmly set in the ground, and marked with 3 notches on each the north and south corners, witnessed by a mound of stone to the west.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 13, 18, 19, and 24, with brass cap marked:

T15S
R15E R16E
S13 S18
S24 S19
1934

Deposit the original stone alongside the iron post.

Land, mountainous, draining NE., outcroppings and boulders of gray and light colored sandstone formation.

Soil, dark mountain sandy loam, about 1 to 4 ft. deep, lying on bedrock 1st to 4th rates.

Timber, aspen, Douglas and white fir.

Undergrowth, black sagebrush, deer browse, chokecherry, young maple and mahogany. Site to excellent growth of mountain grass.

Dependent Resurvey of the West Boundary of T. 15 S., R. 16 E.

Chains

Grazing, fair to good of grass and browse.

N. 0°01' W. on true line between sections 13 and 18

Over mountainous land, through scattered groves of timber and a dense undergrowth; ascend 320 ft. over an abrupt SE. slope.

14.80 Spur, projects N. 70° E. about 40 chains to end, descend 445 ft. along a general NW. slope to the $\frac{1}{4}$ section corner.

31.60 Small spring bears 30 links east.

36.10 Stream of good water, fed by the above spring, flows N. 10° W.

39.86 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 15x10x7 ins. firmly set in the ground and marked $\frac{1}{4}$ S on the west face, and from which,

A Douglas fir, 18 ins. in diameter, marked $\frac{1}{4}$ S18BT, bears N. 81°00' E., 21 links distant.

An aspen, 6 ins. in diameter, marked $\frac{1}{4}$ S13BT, bears S. 87°00' W., 12 links distant.

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
 S13 | S18
 1934

Deposit the original cornerstone alongside the iron post.

Thence:

N. 0°17' E. on true line, between sections 13 and 18.

5.60 Small stream of good water, from seep 1 chain west of line, flows E.

12.60 Fork of Rock Creek, drains SE., stream of good water, 3 links wide and 2 ins. deep in the bottom; ascend 840 ft. over an abrupt S slope to the section corner.

34.50 Ascent becomes gradual, edge bears E. and W.

40.25 The corner of sections 7, 12, 13, and 18, marked by a sandstone rock, 18x12x5 ins., firmly set in the ground and marked with 2 notches on the north edge and 4 notches on the south edge, witnessed by a small mound of stone to the west:

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 7, 12, 13, and 18, with brass cap marked:

T158
 R192 | R162
 S12 | S 7
 S13 | S18
 1934

Dependent Resurvey of the West Boundary of Township 15 South, Range 16 East

Chains	
	<p>An aspen, 5 ins. in diameter, marked T15SR16ES18BT, bears S. 17°00' E., 115 links distant.</p> <p>An aspen, 5 ins. in diameter, marked T15SR15ES12BT, bears N. 34°30' W., 297 links distant,</p> <p>No other suitable tree available for marking: Rebuild the mound of stone, 3 ft. base and 2 ft. high, west of the post. Deposit the original stone alongside the iron post.</p> <p>Land, mountainous, draining generally to the east; outcroppings of gray and light colored sandstone formation. Soil, dark mountain sandy loam, about 1 to 4 ft. deep, on bedrock, 1st to 4th rates. Timber, aspen, Douglas fir, white fir, mahogany, maple, red juniper, and yellow pine. Undergrowth, black sagebrush, deer browse, choke cherry, young mahogany, and mountain grass. Good grazing.</p> <hr/> <p>N. 0°38' E. on true line between sections 7 and 12.</p> <p>Over mountainous land, through scattering timber and a medium dense undergrowth, ascend 35 ft. along a S. slope.</p>
12.80	Spur, projects N. 80° E., descend 55 ft. along a NW. slope.
20.40	Top of abrupt descent, bears NE. and SW., descend 125 ft. along a NW. slope.
39.89	<p>The $\frac{1}{4}$ section corner, marked by a sandstone rock, 16x8x6 ins., firmly set in the ground and marked $\frac{1}{4}$S on the west face, and from which,</p> <p>An aspen 7 ins. in diameter, marked $\frac{1}{4}$S7BT, bears N. 48°30' E., 30 links distant.</p> <p>An aspen, 8 ins. in diameter, marked $\frac{1}{4}$S12BT, bears N. 46°00' W., 21 links distant.</p> <p>At the corner point:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:</p> <div style="text-align: center;"> $\frac{1}{4}$ S12 S 7 1934 </div> <p>Deposit the original stone alongside the iron post.</p> <p>Thence:</p> <p>N. 5°20' W., on true line, between sections 7 and 12.</p> <p>Descend 280 ft. along a NW. slope.</p>
27.40	Ravine, drains NE., ascend 205 ft. along an abrupt SE. slope to the corner.
40.39	The corner of sections 1, 6, 7, and 12, marked by a sandstone rock, 15x8x6 ins., firmly set in the ground, and marked with one notch on the north edge, and 5 notches on the south edge, witnessed by a mound of stone to the west.

Chains

At the corner point: **R15E R16E**

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 1, 6, 7, and 12, with brass cap marked:

R15E R16E

R15E R16E

S1

S6

S12 S 7

1934

Rebuild the mound of stone, 3 ft. base and 2 ft. high to the west of the post, and deposit the original stone alongside the iron post.

Land, mountainous, gray and light colored sandstone formations; drainage SE. on the south 12.80 chains and NE. on the remainder. Soil, dark colored, sandy mountain loam, 1 to 4 ft. deep, on a clay sub-soil; 1st to 4th rates.

Timber, aspen and maple.

Undergrowth, black sagebrush, deer browse, buck brush, chokecherry, wild rose, currant, gooseberry, and mountain grass.

Good grazing.

N. 8°36' E. on true line between sections 1 and 6.

Over mountainous land, through scattering timber and a dense undergrowth; ascend along a SE. slope.

1.90 Spur, projects N. 70° E. about 25 chains to end, descend 490 ft. along an abrupt NW. slope.

16.60 Fork of Rock Creek, drains east, stream of good water, 3 links wide and 2 ins. deep in the bottom; ascend 905 ft. along a precipitous SE. slope.

40.70 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 20x8x6 ins., firmly set in the ground and marked $\frac{1}{4}$ S on the west face, witnessed by a small mound of stone, and also from which:

A yellow pine, 5 ins. in diameter, marked $\frac{1}{4}$ S6BT, bears S. 24°15' E., 74 links distant.

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 3 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S1

S6

S12

S6

Deposit the original stone alongside the iron post.

N. 5°15' W. on true line between sections 1 and 6.

Dependent Resurvey of the East Boundary of Township 15 South, Range 16 East

Chains

Ascend 15 ft. along a SE. slope.

92.00 Spur, projects N. 70° E., stock trail along the top; descend 160 ft. along a N. slope.

35.90 Top of steep descent, bears NE. and SW., descend 300 ft. along a NW. slope.

37.30 Small spring of good clear water, bears 20 links east.

42.20 The corner of townships 14 and 15 south, ranges 15 and 16 east, marked by a sandstone rock, 18x9x5 ins., firmly set in the ground, and marked with 6 notches on each of the north, east, south, and west edges, and from which:

A Douglas fir, 18 ins. in diameter, marked T14SR16ES31BT, bears N. 48°00' E., 33 links distant.

A yellow pine, 12 ins. in diameter, marked T15SR16ES6BT, bears S. 70°00' E., 36 links distant.

A Douglas fir, 22 ins. in diameter, marked T15SR15ES1BT, bears S. 66°00' W., 47 links distant.

A yellow pine, 12 ins. in diameter, marked T14SR15ES36BT, bears N. 30°15' W., 27 links distant.

At the corner point: Over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 3 ins. in diameter, in a large mound of stone, for the corner of townships 14 and 15 south, ranges 15 and 16 east, with brass cap marked:

T14S	
R15E	S16E
S36	S31
S1 S6	
T15S	
1934	

Deposit the original stone alongside the iron post.

Land, mountainous; abrupt slopes with outcroppings of blue shale and limestone, of general gray and light colored sandstone formation; drainage, easterly.

Soil, dark colored, sandy mountain loam, 1 to 4 ft. deep, on a clay subsoil, 1st to 4th rates.

Timber, aspen, with scattered patches of Douglas fir, yellow pine, maple, and red juniper.

Undergrowth, black sagebrush, deer browse, buck brush, chokecherry, wild currant, and mountain grass.

Good grazing.

Subdivision of Township 15 South, Range 16 East

Original Survey

Beginning at the point for the corner of sections 35 and 36 on the south boundary, or Third Standard Parallel South:

Thence:

Subdivision of Township 15 South, Range 10 East

Chains

N. 0°01' W. between sections 35 and 36.

Over mountainous land, through scattering timber and a scant undergrowth, descend 150 ft. along a NW. slope.

11.07 Flag point on a spur projecting NW., continue descent of 875 ft. over a steep N. slope over a series of ledges.

40.00 At the foot of the steep descent, edge bearing NE. and SW.

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$ 835 836 1939	
------------------------------------	--

from which

A point on a sandstone boulder, marked X B O, bears 60 links S. 20°53' W.

No other suitable accessories available for marking.

Continue descent across bottom of draw.

43.70 Wash, 40 links wide and 10 ft. deep in the bottom of the south fork of Three Canyon Draw, drains NE., ascend along a gentle SE. slope in the draw.

45.00 Base of steep ascent, bears NE. and SW., ascend 775 ft. along a SE. slope over a series of ledges.

79.10 Spur, projects SE., descend 45 ft. along a NE. slope.

80.00 On a NE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 4 ins. in the ground to, solid rock, and in a mound of stone, for the corner of sections 25, 26, 35, and 36, with brass cap marked:

T15SR16E 826 825 835 836 1939	
--	--

from which,

A Douglas fir, 8 ins. in diameter, marked T15SR16E825BT, bears N. 44°45' E., 49 links distant.

A juniper, 12 ins. in diameter, marked T15SR16E836BT, bears S. 89°45' E., 32 links distant

A juniper, 24 ind. in diameter, marked T15SR16E835BT, bears S. 14°15' W., 32 links distant.

A Douglas fir, 12 ins. in diameter, marked T15SR16E826BT, bears N. 35°15' W., 34 links distant.

Land, rough and broken mountain slopes; drainage, NE.
 Soil, shallow rocky loam, 3rd rate.
 Timber, juniper, pine, and Douglas fir.
 Undergrowth, sagebrush, mountain rush, and weeds.
 Poor grazing.

Subdivision of Township 15 South, Range 16 East

Chains	
0.00	East, on a random line between sections 25 and 36.
40.00	Set a temporary $\frac{1}{4}$ section corner.
80.00	Intersect the corner of sections 25, 30, 31, and 36, on the east boundary of the township:
	Thence:
	West, on true line between sections 25 and 36.
	Over mountainous land, through scattering timber and a scant undergrowth; descend 350 ft. along a general W. slope.
7.00	Base of steep descent, bears E. and W., continue along a general N. slope on the south side of the south fork of Three Canyon Draw.
8.00	Small draw, drains N., continue along a N. slope.
27.50	Wash, 30 links wide and 10 ft. deep in the mouth of a side draw draining into the South fork of Three Canyon Draw from the south.
30.40	Small seep, bears 40 links North.
40.00	On a N. slope:
	Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:
	$\begin{array}{r} S25 \\ \frac{1}{4} \\ \hline S36 \\ 1939 \end{array}$
	Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.
	Continue along a general N. slope.
49.70	Wash, 20 links wide and 9 ft. deep in the bottom of the south fork of Three Canyon Draw, drains N. 65° E. from the SW., ascend 805 ft. along a NE. slope.
80.00	The corner of sections 25, 26, 35, and 36.
	Land, steep slopes in the canyon bottom; drainage, NE. Soil, gravelly to rocky clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, sagebrush, mountain rush, grass, and weeds. Fair grazing.
	<hr/>
	N. 0°01' W. between sections 25 and 26.
	Over mountainous land, through scattering timber and a scant undergrowth; descend 795 ft. along a NE. slope to the canyon.
7.70	Small draw, drains N. 30° E., continue descent.
32.60	Middle fork of Three Canyon Draw, drains S. 60° E., ascend 105 ft. along a SW. slope.
40.00	On a SW. slope:

Subdivision of Township 15 South, Range 30 East

Chains

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S26 | S25

1939

from which

A juniper, 12 ins. in diameter, marked $\frac{1}{4}$ S25BT, bears N. 80°00' E., 38 links distant

A juniper, 6 ins. in diameter, marked $\frac{1}{4}$ S26BT, bears N. 42°15' W., 33 links distant.

Ascend 1790 ft. over an abrupt SW. slope over ledges.

80.00

Point for the corner of sections 23, 24, 25, and 26 falls upon steeply sloping sandstone outcrop, where the monument cannot be erected:

Land, rough and broken sandstone slopes; drainage, SE.
Soil, shallow rocky loam, 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, sagebrush, mountain rush, and bunch grass.
Poor grazing.

Beginning at the point for the corner of sections 23, 24, 25, and 26:

Thence:

East; on a random line between sections 24 and 25.

40.00

Set a temporary $\frac{1}{4}$ section corner.

80.10

Intersect the east boundary of the township at a point 11 links north of the point for the corner of sections 19, 24, 25, and 30:

Thence:

N. 39°55' W. on true line between sections 24 and 25.

Over mountainous land, through scattering timber and a scant undergrowth; ascend 705 ft. along a SE. slope.

40.05

On a SE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S24

S25

1939

Deposit a sandstone rock, 8x6x3 ins., marked with a cross (X) at the base of the post:

Ascend 670 ft. along a SE. slope.

60.70

Ridge, bears N. 75° E. and S. 75° W., divide between Snap Canyon and Three Canyon Draw, continue along a general SE. slope.

Subdivision of Township 15 South, Range 16 East

June 21, 1939

Chains

71.50

Recross ridge, bears N. 85° W. and S. 85° E., descend 180 ft. along a SW. slope.

80.20

The point for the corner of sections 23, 24, 25, and 26.

Land, rough and broken mountain slopes; drainage, SE. and NE. from the ridge.

Soil, shallow rocky loam, 4th rate.

Timber, dwarf juniper, pinon, and Douglas fir.

Undergrowth, mountain rush, buckbrush, and sagebrush.

Poor grazing.

Beginning at the point for the corner of sections 23, 24, 25, and 26.

Thence:

N. 0°01' W. between sections 23 and 24.

Over mountainous land, through scattering timber and a scant undergrowth, ascend along a SW. slope.

0.20

Set an iron post, 3 ft. long and 2 ins. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the witness corner of sections 23, 24, 25, and 26, with brass cap marked:

T15SR16E	
S23	S24
WC	
1939	

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Ascend 110 ft. along a SW. slope.

2.80

Ridge, bears N. 70°W. and S. 70° E., divide between Snap Canyon and Three Canyon Draw, descend 1340 ft. over a N. slope.

38.90

On a N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

W C	
$\frac{1}{4}$	
S23	S24
1939	

Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Descend 45 ft. over a N. slope.

40.00

Point for the $\frac{1}{4}$ section corner falls upon unsafe ground in the wash in the bottom of Snap Canyon. Ascend 1390 ft. over a S. slope over ledges.

72.96

On top of a spur projecting E.:

Subdivision of Township 15 South, Range 16 East

Chains

Set an iron post, 3 ft. long and 2 ins. in diameter, 5 ins. in the ground to solid rock, and in a large mound of stone, for the witness corner of sections 13, 14, 23, and 24, with brass cap marked:

WC	
T15SR16E	
S14	S13
—	
S23	S24
1939	

Deposit a sandstone rock, 6x4x2 ins., marked with a cross (X) at the base of the post.

Descend over an abrupt N. slope.

80.00

Point for the corner of sections 13, 14, 23, and 24 falls upon a steep N. slope, where the corner monument cannot be erected.

Land, rough and broken mountain slopes; Drainage, E.
Soil, shallow rocky loam, 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, mountain rush, sagebrush.
Poor grazing.

Beginning at the standard corner of sections 34 and 35 on the south boundary of the township, or Third Standard Parallel South:

Thence:

N. 0°01'W. between sections 34 and 35.

Over mountainous land, through scattering timber and a scant undergrowth; ascend 1210 ft. over a steep S. slope over ledges

40.00

Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone, where it is impracticable to establish the monument.

41.81

Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$	
S34	S35
WC	
1939	

Deposit a sandstone rock, 6x4x2 ins., marked with a cross (X) at the base of the post.

Ascend 1095 ft. along an abrupt S. slope, over ledges.

60.80

Spur, projects S. 70° E. from N. 85° W., descend 385 ft. along a NE. slope.

80.00

On a NE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 25 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 26, 27, 34, and 35, with brass cap marked:

Subdivision of Township 15 South, Range 16 East

Chains

T15SR16E	
S27	S26

S34	S35
-----	-----

1939

from which

A Douglas fir, 16 ins. in diameter, marked T15SR16ES26BT, bears N. 28°45' E., 77 links distant.

A Douglas fir, 8 ins. in diameter, marked T15SR16ES35BT, bears S. 47°45' E., 70 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, E.
 Soil, shallow rocky loam, 4th rate.
 Timber, juniper, pinon, and Douglas fir.
 Undergrowth, mountain rush, sagebrush, weeds, and grass.
 Poor grazing.

East on a random line between sections 26 and 35.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.10 Intersect the north and south line at a point 07 links south of the corner of sections 25, 26, 35, and 36:

Thence:

S. 89°57' W., on true line, between sections 26 and 35.

Over mountainous land, through scattering timber and a scant undergrowth; ascend 845 ft. along a rugged NE. slope over ledges.

19.30 Spur, projects NE., descend 345 ft. along a NW. slope.

40.05 On a NW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S26	
$\frac{1}{4}$	$\frac{1}{4}$
S35	
1939	

from which,

A Douglas fir, 16 ins. in diameter, marked $\frac{1}{4}$ S26BT, bears N. 82°00' E., 60 links distant.

No other suitable tree available for marking.

Descend 110 ft. along a NW. slope.

47.20 Draw, drains NE., ascend 1305 ft. along a NE. slope to the corner.

67.00 Head of draw draining N. 60° E., continue ascent.

80.10 The corner of sections 26, 27, 34, and 35.

Land, rough mountain slopes; drainage, NE.

Chains

Soil, gravelly to rocky loam, 4th rate.
Timber, juniper, pinon, and Douglas fir.
Undergrowth, mountain rush, sagebrush, and grass,
Fair grazing.

N. 0°01' W. between sections 26 and 27.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 60 ft. along a SE. slope.

5.20 Spur, projects N. 10° E., descend 1140 ft. along a NW. slope.

40.00 On a NW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\begin{array}{c} \uparrow \\ \text{S27} \mid \text{S26} \\ 1939 \end{array}$

from which,

A juniper, 6 ins. in diameter, marked $\frac{1}{4}$ S26BT, bears S. 25°00' E., 21 links distant.

No other suitable tree available for marking.

Descend 620 ft. along a NW. slope.

60.20 Fork of Three Canyon Draw, drains N. 60° E., ascend 850 ft. along a SW. slope.

80.00 On a SW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 22, 23, 26, and 27, with brass cap marked:

$\begin{array}{c} \text{T15SR16E} \\ \text{S22} \mid \text{S23} \\ \hline \text{S27} \mid \text{S26} \\ 1939 \end{array}$

from which

A juniper, 4 ins. in diameter, marked BT, only, bears S. 50°52' E., 55 links distant.

A juniper, 9 ins. in diameter, marked T15SR16ES27BT, bears S. 55°30' W., 44 links distant.

A juniper, 4 ins. in diameter, marked BT, only, bears N. 53°45' W., 110 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, E.
Soil, shallow gravelly loam, 3rd rate.
Timber, fir, juniper, and pinon.
Undergrowth, sagebrush, bitterbrush, weeds, and grass.
Fair grazing.

Subdivision of Township 15 South, Range 16 East

Chains

N. $89^{\circ}57'$ E. on a random line between sections 23 and 26.

40.00 Set a temporary $\frac{1}{4}$ section corner.

79.96 Intersect the north and south line at a point 30 links north of the corner of sections 23, 24, 25, and 26.

Thence:

N. $89^{\circ}50'$ W., on true line, between sections 23 and 26.

Over rough and broken mountainous land, through scattering timber and a scant undergrowth; descend 320 ft. along a steep SW. slope over ledges.

39.98 Set an iron post, 3 ft. long and 1 in. in diameter, 4 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S23
 $\frac{1}{4}$ —————
S26
1939

from which,

A juniper, 3 ins. in diameter, marked BT, only, bears S. $32^{\circ}15'$ E., 55 links distant.

No other suitable tree available for marking.

Descend 380 ft. along a steep SW. slope over ledges.

56.20 Draw, drains S. 20° E., ascend 935 ft. along a SE. slope over ledges.

78.50 Spur, projects S., descend 75 ft. along a SW. slope.

79.96 The corner of sections 22, 23, 26, and 27.

Land, rough and broken mountain slopes; drainage, SE.

Soil, shallow rocky loam, 4th rate.

Timber, dwarf juniper and pinon.

Undergrowth, sagebrush, mountain rush, weeds, and grass,

poor grazing.

N. $0^{\circ}01'$ W. between sections 22 and 23.

Over rough and broken land, through scattering timber and a medium dense undergrowth; ascend 1215 ft. along a steep and rugged SW. slope over ledges to the witness $\frac{1}{4}$ section corner.

40.00 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone ledge, where the monument cannot be erected:

41.73 On top of a ridge, bearing S. 80° E. and S. 80° W., divide between Snap Canyon and Three Canyon Draw:

Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
S22 | S23
W C
1939

from which

Subdivision of Township 12 North, Range 12 West

Chains

A Douglas fir, 8 ins. in diameter, marked W-322R,
bears N. 79°00' W., 14 links distant.

No other suitable tree available for marking.

Descend 1220 ft. along a steep N. slope over ledges.

60.80 Snap Canyon, drains S. 80° E., ascend 745 ft. over a S. slope over ledges to the corner.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 14, 15, 22, and 23, with brass cap marked:

T15SR16E	
S15	S14
S22	S23
1939	

Deposit a sandstone rock, 10x6x4 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage SW. and NE. from the ridge at the witness $\frac{1}{2}$ section corner.
Soil, shallow mountain loam, 3rd rate.
Timber, Dwarf juniper and pinon, Douglas fir, and aspen.
Undergrowth, sagebrush, bitter brush, weeds, and grass.
Fair grazing.

Beginning at the standard corner of sections 33 and 34 on the south boundary of the township, or Third Standard Parallel South:

Thence:

N. 0°02' W. between sections 33 and 34.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 55 ft. along a NE. slope.

6.20 Head of draw draining SE., ascend 265 ft. along an abrupt SE. slope.

15.50 Spur, projects NE., descend 1045 ft. over a precipitous NW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{2}$ section corner, with brass cap marked:

$\frac{1}{2}$	
S33	S34
1934	

from which,

A Douglas fir, 8 ins. in diameter, marked W-339R, bears S. 63°15' W., 46 links distant.

No other suitable tree available for marking. Raise a mound of stone, 2 ft. base and $1\frac{1}{2}$ ft. high, west of the post.

Descend 565 ft. along a NW. slope.

61.90 Ravine, drains NE., ascend 35 ft. along a SE. slope.

62.00 Spur, projects NE., about 5 chains to end, descend 180 ft. along an

Subdivision of Township 15 South, Range 16 East

Chains	
	abrupt NW. slope.
74.40	Stream of clear water, 5 links wide and 2 ins. deep, flows NE. in the bottom of a ravine; ascend 145 ft. along a steep SE. slope.
80.00	Set an iron post, 3 ft. long and 2 ins. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 27, 28, 33, and 34, with brass cap marked: <div style="text-align: center;"> T15SR16E S28 S27 ———— S33 S34 1934 </div> from which
	A juniper, 20 ins. in diameter, marked T15SR16ES27BT, bears N. 24°30' E., 28 links distant.
	A pinon, 14 ins. in diameter, marked T15SR16ES34BT, bears S. 25°00' E., 46 links distant.
	A Douglas fir, 14 ins. in diameter, marked T15SR16ES33BT, bears S. 32°00' W., 59 links distant.
	A pinon, 5 ins. in diameter, marked T15SR16ES28BT, bears N. 31°15' W., 23 links distant.
	Land, steep and rough mountains, draining generally to the NE., outcroppings of gray and light colored sandstone, and blue shale and limestone formation
	Soil, dark mountain sandy loam, varying in depth from a few inches to 3 ft, on a clay subsoil, 2nd to 4th rates.
	Timber, Douglas and white fir, mahogany, pinon, and juniper.
	Undergrowth, black sagebrush, deer browse, oak, chokecherry, wild rose, maple, and grass.
	Good grazing.
	East, on a random line between sections 27 and 34.
40.00	Set a temporary $\frac{1}{4}$ section corner.
80.06	Intersect the north and south line at a point 05 links north of the corner of sections 26, 27, 34, and 35:
	Thence:
	N. 89°58' W. on true line between sections 27 and 34.
	Over rough mountainous land, through scattering timber and a medium dense undergrowth; ascend 50 ft. along a SE. slope.
1.50	Spur, projects N. 10° E., descend 325 ft. along a NW. slope.
7.90	Draw, drains N. 10°00' E., ascend 65 ft. along a NE. slope.
15.60	Spur, projects N., descend 25 ft. along an W. slope.
23.70	Draw, drains N. 20° E., ascend 25 ft. along an E. slope.
25.60	Spur, projects N., descend 85 ft. along a NW. slope.
28.50	Draw, drains N. 20° E., ascend 35 ft. along a NE. slope.
35.80	Spur, projects N. 10° E., descend 320 ft. along a NW. slope.

Subdivision of Township 15 South, Range 16 East

Chains

40.03

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner with brass cap marked:

S27
 $\frac{1}{4}$ ———
 S34
 1939

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Descend 535 ft. along a NW. slope.

56.00

Draw, drains N. 30° W., ascend 145 ft. along a NE. slope.

61.00

Spur, projects N., descend 295 ft. along a W. slope.

69.00

Middle fork of Three Canyon Draw, drains NE., ascend 265 ft. along a SE. slope.

80.06

The corner of sections 27, 28, 33, and 34.

Land, rough and broken mountain slopes; drainage, NE.
 Soil, shallow rocky loam, 4th rate.
 Timber, dwarf juniper, aspen, pinon, and Douglas fir.
 Undergrowth, sagebrush, bitter brush, weeds, and grass.
 Fair grazing.

N. 0°02' W. between sections 27 and 28.

Over mountainous land, through a medium heavy growth of timber and a dense undergrowth, ascend 800 ft. along a rough and abrupt SE. slope.

19.40

Spur, projects N. 80° E. about 12 chains to end, descend 815 ft. along an abrupt NW. slope.

36.90

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

W C
 $\frac{1}{4}$ ———
 S28 | S27
 1934

from which

A Douglas fir, 4 ins. in diameter, marked WC $\frac{1}{4}$ S27BT, bears N. 34°00' E., 13 links distant.

A Douglas fir, 4 ins. in diameter, marked WC $\frac{1}{4}$ S28BT, bears S. 55°30' W., 33 links distant.

Descend 160 ft. along a NW. slope.

40.00

Point for the $\frac{1}{4}$ section corner falls in the bottom of a draw draining N. 70° E. Stream of good water, 2 links wide and 2 ins. deep in the bottom. Ascend 1120 ft. along an abrupt SE. slope to the witness corner.

47.40

Sandstone ledge, bears N. 60° E. and S. 60° E., about 150 ft. high.

79.70

Set an iron post, 3 ft. long and 2 in. in diameter, 27 ins. in the

Subdivision of Township 15 South, Range 16 East

Chains

ground for the witness corner of sections 21, 22, 27, and 28, with brass cap marked:

WC	
T15SR16E	
S21	S22
S28	S27
1934	

from which

A juniper, 10 ins. in diameter, marked WCT15SR16ES22BT, bears N. 50°00' E., 60 links distant.

A pipe, 16 ins. in diameter, marked WCT15SR16ES27BT, bears S. 67°15' E., 117 links distant.

A mahogany, 8 ins. in diameter, marked WCT15SR16ES28BT, bears S. 72°00' W., 69 links distant

A juniper, 10 ins. in diameter, marked WCBT, only, bears N. 35°00' W., 34 links distant.

80.00

Point for the corner of sections 21, 22, 27, and 28 falls upon a sandstone outcrop, and I cut a cross (X) at the true point.

Land, steep and mountainous, and rough with outcroppings, and a series of broken, sloping, and nearly perpendicular ledges of gray and light colored sandstone and blue shale and limestone formation; drainage, E. Soil, dark colored sandy loam, 3 ins. to 3 ft. deep on a clay subsoil, 2nd to 4th rates.

Timber, Douglas fir, pinon, juniper, and mahogany.

Undergrowth, oak, choke cherry, buck brush, service berry, and grass. Fair grazing.

S. 89°58' E. on a random line between sections 22 and 27.

40.00

Set a temporary $\frac{1}{2}$ section corner.

80.16

Intersect the north and south line at a point 12 links south of the corner of sections 22, 23, 26, and 27:

Thence:

S. 89°57' W. on true line between sections 22 and 27.

Over rough mountainous land, through scattering timber and a scant undergrowth; descend 435 ft. along a SW. slope over ledges.

18.30

Draw, drains S. 10° E., ascend 105 ft. along a SE. slope.

22.30

Spur, projects S., Descend along a SW. slope.

24.60

Draw, drains SE., ascend 505 ft. along a NE. slope.

40.08

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S22

S27

1939

from which

Chains

anted 0

A juniper, 4 ins. in diameter, marked ~~ST~~, bears
N. 45°00' W., 10 links distant.

No other suitable tree available for marking.

Ascend 1045 ft. along a steep NE. slope over ledges.

65.10 Spur, projects S. 65° E., continue along a general S. slope.

80.16 The corner of sections 21, 22, 27, and 28.

Land, rough and broken mountain slopes; drainage, SE.
Soil, shallow mountain loam, 2nd rate.
Timber, dwarf juniper, pinon, Douglas fir, and aspen.
Undergrowth, sagebrush, bitter brush, weeds, and grass.
Fair grazing.

Beginning at the point for the corner of sections 21, 22, 27, and 28

Thence:

N. 0°02' W. between sections 21 and 22.

Over mountainous land, through scattering timber and a medium dense undergrowth;; ascend 855 ft. along a steep S. slope.

15.00 Spur, projects N. 70° E., descend 695 ft. along an abrupt NW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$

S21 | S22

1934

from which,

A Douglas fir, 8 ins. in diameter, marked $\frac{1}{4}$ S22BT, bears
S. 3°00' E., 295 links distant.

A Douglas fir, 8 ins. in diameter, marked $\frac{1}{4}$ S21BT, bears
S. 6°30' W., 288 links distant.

Descend 350 ft. along a NW. slope.

52.10 Snap Canyon, drains N. 80° E., ascend 1010 ft. over a rugged S. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 22 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 15, 16, 21, and 22, with brass cap marked:

T15SR16E

S16 | S15

S21 | S22

1934

from which,

A Douglas fir, 6 ins. in diameter, marked T15SR16ES15BT,
bears N. 13°45' E., 494 links distant.

A Douglas fir, 10 ins. in diameter, marked T15SR16ES22BT,
bears S. 82°45' E., 348 links distant.

Subdivision of Township 15 South, Range 16 East

Chains

A Douglas fir, 8 ins. in diameter, marked T15SR16RS21BT, bears S. 48°15' W., 265 links distant.

A Douglas fir, 12 ins. in diameter, marked T15SR16RS16BT, bears N. 73°15' W., 260 links distant.

Land, rough mountain slopes, out croppings and broken ledges of gray sandstone, blue shale, and limestone formations; drainage, E. Soil, dark colored mountain loam, on a clay subsoil, 3rd rate. Timber, Douglas fir, aspen, juniper, pinon, and mahogany. Undergrowth, chokecherry, service berry, oak, buck brush, deer browse, black sagebrush, and grass. Fair grazing.

N. 89°57' E. on a random line between sections 15 and 22.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.10 Intersect the north and south line at a point 23 links south of the corner of sections 14, 15, 22, and 23.

Thence:

S. 89°47' W. on true line between sections 15 and 22.

Over rough mountainous land, through a heavy growth of timber and a medium dense undergrowth, descend 165 ft. along an abrupt SW. slope.

11.50 Draw, drains SE., ascend 660 ft. along a SE. slope.

40.05 Over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$$\begin{array}{r} S15 \\ \frac{1}{4} \overline{) } \\ S22 \\ 1934 \end{array}$$

from which

A Douglas fir, 10 ins. in diameter, marked $\frac{1}{4}$ S15BT, bears N. 5°30' E., 60 links distant

A juniper, 8 ins. in diameter, marked $\frac{1}{4}$ S22BT, bears S. 14°45' W., 27 links distant.

67.30 Leave heavy timber, bears NE and SW; ascent becomes more gradual over S. slope, through dense sagebrush.

80.10 The corner of sections 15, 16, 21, and 22, 390 ft. above $\frac{1}{4}$ sec. cor.

Land, steep mountain slopes, with outcroppings, boulders, and ledges of light colored sandstone, blue shale, and limestone formations; drainage, E. Soil, dark, sandy, mountain loam, from 1 to 3 ft. deep on a clay subsoil; 2nd to 4th rates. Timber, Douglas fir, mahogany, juniper, and pinon. Undergrowth, chokecherry, serviceberry, black sage, deer browse, and grass. Fair grazing.

Subdivision of Township 15 North, Range 16 East

and 10

Chains

N. 0°02' W. between sections 15 and 16.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 25 ft. along a S. slope.

4.50

Spur, projects E., descend 1470 ft. over an abrupt N. slope.

40.00

On a NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$

S16 | S15

1934

from which,

A Douglas fir, 10 ins. in diameter, marked $\frac{1}{4}$ S15BT, bears S. 44°30' E., 34 links distant.

A Douglas fir, 4 ins. in diameter, marked $\frac{1}{4}$ S16BT, bears S. 34°30' W., 39 links distant.

Line discontinued at this point:

Land, rough and broken mountain slopes; drainage, NE.
Soil, deep, dark colored mountain loam, 3rd rate.
Timber, Douglas fir, ~~pine~~, aspen, and mahogany.
Undergrowth, sagebrush, buckbrush, chokecherry, weeds, and grass.
Fair grazing.

Beginning at the standard corner of sections 32 and 33, on the south boundary of the township, or the Third Standard Parallel South:

Thence: On a dependent resurvey, reestablishing the survey executed by Harvey D. Heist, Deputy Surveyor in 1903.

N. 1°07' E. on true line between sections 32 and 33.

Over mountainous land, through heavy growth of timber and a medium dense undergrowth; ascend 150 ft. along a SE. slope

15.80

A small spring of good water bears 4.60 chains N. 80°30' E.

19.60

Unfinished fence of aspen posts, no wire attached, bears E. and W. on the top of a spur projecting N. 70° E. about 15 chains, descend 15 ft along a gradual NW. slope.

22.97

The witness $\frac{1}{4}$ section corner, marked by a sandstone rock, 10x10x3 ins. above ground, firmly set, and marked $\frac{1}{4}$ on the west face, witness by a mound of stone, 2 ft. base and 1 $\frac{1}{2}$ ft. high to the west of the corner. Since this now becomes an angle point I define the markings and chisel the letters AP on the top of the stone.

Thence: On a dependent resurvey, reestablishing the survey executed by Harvey D. Heist, Deputy Surveyor in 1903.

N. 0°03' W. with continuous measurement:

23.10

Foot of gradual descent, begin precipitous descent of 795 ft. along a steep NW. slope.

40.045

Wtd points

Subdivision of Township 15 South, Range 16 East

Chains

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

S32	S33
1934	

from which

A Douglas fir, 6 ins. in diameter, marked $\frac{1}{4}$ S33BT, bears S. $62^{\circ}15'$ E., 27 links distant.

A Douglas fir, 6 ins. in diameter, marked $\frac{1}{4}$ S32BT, bears N. $23^{\circ}15'$ W., 45 links distant.

Descend 325 ft. along a NW. slope.

47.30

Wash, 30 links wide and 8 ft. deep in the bottom of a ravine draining N. 80° E., ascend 1015 ft. along a steep SE. slope.

80.09

The corner of sections 28, 29, 32, and 33, marked by a sandstone rock, 27x14x4 ins., firmly set in the ground and marked with 1 notch on the south edge and 4 notches on the east edge, and from which,

A Douglas fir, 20 ins. in diameter, marked T15SR16ES33BT, bears S. $39^{\circ}45'$ E., 39 links distant.

The other trees used to witness this point in the original survey are dead and fallen.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 28, 29, 32, and 33, with brass cap marked:

T15SR16E	
S29	S28
S32 S33	
1934	

from which I mark,

A Douglas fir, 20 ins. in diameter, marked T15SR16ES28BT, bears N. $68^{\circ}30'$ E., 106 links distant.

A Douglas fir, 12 ins. in diameter, marked T15SR16ES32BT, bears S. $73^{\circ}00'$ W., 25 links distant.

A Douglas fir, 12 ins. in diameter, marked T15SR16ES29BT, bears N. $19^{\circ}00'$ W., 80 links distant.

Deposit the original cornerstone alongside the iron post.

Land, rough and broken mountain slopes, with outcroppings and broken ledges of light colored sandstone, blue shale, and limestone formations; drainage, NE.

Soil, dark colored sandy mountain loam, 6 ins. to 4 ft. deep, on clay subsoil, 1st to 4th rates.

Timber, aspen, Douglas fir, and mahogany.

Undergrowth, black sage, deer browse, buck brush, oak, willows, rose, currant, gooseberry, and grass.

Good grazing.

East, on a random line, between sections 28 and 33, on original survey line.

Subdivision of Township 15 South, Range 16 East

Chains

40.00

Set a temporary $\frac{1}{4}$ section corner.

79.60

Intersect the north and south line at a point 18 links north of the corner of sections 27, 28, 33, and 34:

Thence:

N. $89^{\circ}52'$ W. on true line between sections 28 and 33.

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 760 ft. along a SE. slope.

10.00

Point for the $\frac{1}{4}$ section corner falls upon a broken and nearly perpendicular sandstone ledge, where the monument cannot be erected: Ascend 495 ft. along a SE. slope.

48.78

Set an iron post, 3 ft. long and 1 in. in diameter, 4 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

S28
WC $\frac{1}{4}$ ———
S33
1934

Deposit a sandstone rock, 6x4x2 ins., marked with a cross at the base of the post.

Ascend 1105 ft. along a SE. slope, to the corner.

77.60

Shale ledge, about 110 ft. high, bears NE. and SW.

79.60.

The corner of sections 28, 29, 32, and 33.

Land, steep and rugged mountain slope; drainage, SE.
Soil, dark colored sandy mountain loam, 4th rate.
Timber, Douglas and white fir, juniper, and mahogany.
Undergrowth, deer browse, chokecherry, serviceberry, and grass.
Fair grazing.

N. $0^{\circ}02'$ W. on true line between sections 28 and 29, on a dependent resurvey line, reestablishing the surveys executed by Harvey D. Heist Deputy Surveyor in 1903.

Over mountainous land, through a medium dense growth of timber and a dense undergrowth; ascend 20 ft. over an abrupt SE. slope.

0.80

Top of steep ascent, bears N. 80° E. and S. 80° W., ascend gradually along a SE. slope.

4.40

Spur, projects N. 80° E., descend 165 ft. along a NW. slope.

20.90

Woven wire fence, bears E. and W.

22.90

Wash, 30 links wide and 8 ft. deep, in the bottom of a hollow draining NE., ascend 140 ft. along a SE. slope.

39.93

The $\frac{1}{4}$ section corner, marked by a sandstone rock, 20x16x6 ins., firmly set in the ground, and marked $\frac{1}{4}$ S on the west face, witnessed by a small mound of stone:

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 2x1 ins. in the

Subdivision of Township 15 South, Range 16 East.

Chains

ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
 S29 | S28

1934 from which,

An aspen, 7 ins. in diameter, marked $\frac{1}{4}$ S28BT, bears S. $1^{\circ}00'$ E., 514 links distant.

An aspen, 6 ins. in diameter, marked $\frac{1}{4}$ S29BT, bears S. $2^{\circ}00'$ W., 546 links distant.

Deposit the original cornerstone alongside the iron post.

Thence:

N. $0^{\circ}06'$ E. on true line between sections 28 and 29.

Ascend 25 ft. along a gradual SE. slope.

9.50 Spur, projects NE., descend 450 ft. along a steep NW. slope.

39.68 The corner of sections 20, 21, 28, and 29, marked by a sandstone rock, 20x14x5 ins., marked with 2 notches on the south edge and 4 notches on the east edge, and from which,

An aspen, 5 ins. in diameter, marked T15SR16ES28BT, bears S. $72^{\circ}00'$ E., 7 links distant.

An aspen, 6 ins. in diameter, marked T15SR16ES29BT, bears S. $77^{\circ}00'$ W., 10 links distant.

An aspen, 6 ins. in diameter, marked T15SR16ES20BT, bears N. $39^{\circ}00'$ W., 20 links distant.

The other bearing tree, in section 21, is dead and fallen.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 28 and 29 only, with brass cap marked:

S 21

 S29 | S28
 T15SR16E
 1934

Deposit the original stone alongside the iron post, and destroy the markings on the tree in section 20.

Land, rough mountains, sandstone outcroppings and boulders; drainage, NE.

Soil, dark colored mountain loam, 1 to 4 ft. deep, on a clay subsoil, 1st to 4th rates.

Timber, aspen, Douglas fir, mahogany, and maple.

Undergrowth, black sage, deer browse, buck brush, chokecherry, wild current, and grass.

Good grazing.

Subdivision of Township 15 South, Range 10 East

exhibit

Chains

Beginning at the original corner, now referring to sections 28 and 29 on the south boundary of section 21:

Thence:

N. 89°57' E., on true line along the north boundary of section 29, a dependent resurvey, reestablishing the surveys executed by Harvey D. Heist, Deputy Surveyor in 1903.

Over, mountainous land, through a heavy growth of timber and a medium dense undergrowth., descend 20 ft. along an abrupt NW. slope.

0.64 Point 80.00 chains in departure from the corner of sections 21, 22, 27, and 28; located 0.30 chains N. 0°02' W. of the witness corner.

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 20 and 21, with brass cap marked:

T15SR16E
S20 | S21

S 29
1934

from which,

An aspen, 5 ins. in diameter, marked T15SR16ES21BT, bears N. 35°30' E., 15 links distant.

An aspen 7 ins. in diameter, marked T15SR16ES20BT, bears N. 75°30' W., 39 links distant.

Descend 230 ft. along an abrupt NW. slope.

7.00 Snap Canyon, drains NE., stream of good water, 5 links wide and 2 in. deep in the bottom, ascend 725 ft. along a steep SE. slope.

35.80 Spur, projects SE., descend 10 ft. along a gradual NE. slope.

39.43 The $\frac{1}{4}$ section corner, marked by a sandstone rock, 15x12x3 ins., firmly set in the ground, marked $\frac{1}{4}$ on the north face and witnessed by a mound of stone to the north:

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner of section 29 only, with brass cap marked:

$\frac{1}{4}$ S29
1934

Destroy the mound of stone to the north, and raise a mound of stone, 3 ft. base and 2 ft. high, south of the post. Deposit the original stone alongside the iron post.

Thence:

S. 89°55' E. on true line along the north boundary of section 29.

1.20 Departure of 40.00 chains from the corner of sections 20 and 21:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner of section 20 only, with brass cap marked:

$\frac{1}{4}$ S20

1934

Raise a mound of stone, 3 ft. base and 2 ft. high, north of the post.

Chains

- Descend 10 ft. along a SW. slope.
- 15.80 Draw, drains S., ascend 20 ft. along a SE. slope.
- 19.50 Spur, projects N. 80° E., descend along a NW. slope.
- 33.10 Draw, drains NE. heading about 5 chains to the SW., ascend 40 ft. along a SE. slope.
- 40.10 The original corner of sections 19, 20, 29, and 30, marked by a sandstone rock, 15x10x8 ins., firmly set in the ground, and marked with 2 notches on the south and 5 notches on the east edges, and from which:

An aspen, 6 ins. in diameter, marked T15SR16ES19BT, bears N. 68°45' W., 42 links distant. As the corner now refers to sections 29 and 30 only, I destroy the markings on this tree.

At the corner point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 29 and 30 only, with brass cap marked:

S 20	
S30	S29
T15SR16E	
1934	

from which

An aspen, 10 ins. in diameter, marked T15SR16ES29BT, bears S. 72°45' E., 263 links distant.

An aspen, 7 ins. in diameter, marked T15SR16ES30BT, bears S. 71°15' W., 353 links distant.

Land, mountainous, drainage NE.

Soil, deep sandy loam, 1st to 4th rates.

Timber, aspen and maple.

Undergrowth, sagebrush, deer browse, buck brush, chokecherry, wild currant, and grass.

Good grazing.

N. 89°28' W. along the north boundary of section 30, on a dependent resurvey.

Over mountainous land, through scattering timber and a dense undergrowth, ascend along a gradual SE. slope.

1.11 Departure of 80.00 chains from the corner of sections 20 and 21:

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 19 and 20 only, with brass cap marked:

T15SR16E	
S19	S20

30
1934

from which

An aspen, 5 ins. in diameter, marked T15SR16ES20BT, bears N. 18°30' E., 48 links distant.

Subdivision of Township 15 South, Range 16 West

Chains

Chains

An aspen, 5 ins. in diameter, marked ~~11300~~11300, bears N. $45^{\circ}15'$ W., 53 links distant.

OS. 21

Ascend 25 ft. along a SE. slope.

OS. 21

14.40 Top of ascent on a N. slope, descend along a gradual NW. slope.

OS. 21

22.60 Top of abrupt descent, bears N. and S., descend 635 ft. along a steep NW. slope.

OS. 21

39.50 Ravine, drains NE., ascend 35 ft. along a SE. slope.

OS. 21

40.92 The section corner, marked by a sandstone rock, 18x12x5 ins., firmly set in the ground and marked $\frac{1}{4}$ S on the north face, and from which:

An aspen 7 ins. in diameter, marked $\frac{1}{4}$ S19BT, bears N. $30^{\circ}30'$ E. 9 links distant

An aspen, 5 ins. in diameter, marked $\frac{1}{4}$ S30BT, bears S. $19^{\circ}30'$ E. 9 links distant.

At the corner point:

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$$\begin{array}{r} S19 \\ \frac{1}{4} \text{ --- } \\ S30 \\ 1934 \end{array}$$

Deposit the original stone alongside the iron post.

Thence:

S. $89^{\circ}39'$ W., along the north boundary of section 30.

Ascend 205 ft. along an abrupt SE. slope.

5.60 Spur, projects NE., descend 175 ft. along a NW. slope.

16.60 Ravine, drains NE., stream of good water, 2 links wide and 2 ins. deep in the bottom, ascend 540 ft. along an abrupt SE. slope.

33.80 Spur, projects NE., descend 90 ft. along a NW. slope.

39.68 The corner of sections 19, 24, 25, and 30, on the west boundary of the township.

Land, rolling mountain top, drainage NE.

Soil, deep, sandy loam, 3rd rate.

Timber, aspen, Douglas and white fir, maple, yellow pine, and juniper.

Undergrowth, sagebrush, deer bushes, chokecherry, wild current, yellow top, and grass.

Good grazing.

Original Survey

Beginning at the corner of sections 20 and 21 on the north boundary of section 29:

Thence:

Subdivision of Township 15 South, Range 16 East

Chains

S. 89°57' E. on a random line along the south boundary of section 21.
 0.64 The corner of sections 28 and 29.

Thence:
 S. 89°52' E., continuing the random line along the south boundary of section 21; with continuous measurement.

140.00 Set a temporary $\frac{1}{4}$ section corner.

80.00 Intersect the north and south line at a point 46 links south of the point for the corner of sections 21, 22, 27, and 28:

Thence:
 S. 89°48' W., on true line, between sections 21 and 28.
 Over mountainous land, through a heavy growth of timber and a dense undergrowth, ascend 910 ft. over a SE. slope.

36.00 Spur, projects NE., descend 205 ft. along a NW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

$$\begin{array}{r} S21 \\ \frac{1}{4} \text{ --- } \\ S28 \\ 1934 \end{array}$$

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base and 2 ft. high, north of the post.

From the $\frac{1}{4}$ section corner the southeast corner of a small log cabin, about 10x12 ft. square, bears 6.60 chains N. 15°30' E.

Descend along a gradual NW. slope.

40.50 Hollow, drains NE., heading about 3 chains to the SW., ascend 385 ft. along a gradual SE. slope to the spur.

46.30 Small spring of good water bears 3.90 chains north.

64.00 Spur, projects NE., descend 365 ft. along a NW. slope.

79.36 The corner of sections 28 and 29.

Thence:
 N. 89°57' W., between sections 21 and 29, with continuous measurement.

80.00 The corner of sections 20 and 21.

Land, rolling mountain top, drainage, NE.
 Soil, deep, mountain loam, 3rd rate.
 Timber, aspen, maple, Douglas fir, juniper, pinon, mahogany, and pine.
 Undergrowth, sagebrush, deer browse, oak, wild rose, chokecherry, service berry, and grass.
 Good grazing.

N. 0°03' W. between sections 20 and 21.
 Over mountainous land, through heavy growth of timber and a dense

Chains

undergrowth, descend 315 ft. along a NW. slope.

13.40

Snap Canyon, drains NE., stream of good water, 3 links wide and 3 ft. deep in the bottom; ascend 180 ft. along a SE. slope.

33.20

Spur, projects NE., from this point a small spring of good water bears 5.70 chains N. 30°30' E., also a small spring of good water, bears 18.92 chains S. 43°15' W., descend 245 ft. over an abrupt NW. slope.

40.00

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground to solid rock, for the $\frac{1}{4}$ section corner, with brass cap marked:

S20 S21

1934

from which,

A Douglas fir, 7 ins. in diameter, marked $\frac{1}{4}$ S21BT, bears N. 59°00' E., 31 links distant.A Douglas fir, 12 ins. in diameter, marked $\frac{1}{4}$ S20BT, bears N. 39°30' W., 29 links distant.

80.00

Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 16, 17, 20, and 21, with brass cap marked:

T15SR16E

S17 S16

S20 S21

1934

from which,

A mahogany, 8 ins. in diameter, marked T15SR16ES16BT, bears N. 58°00' E., 33 links distant.

A Douglas fir, 6 ins. in diameter, marked T15SR16ES21BT, bears S. 74°30' E., 28 links distant.

A Douglas fir, 6 ins. in diameter, marked T15SR16ES20BT, bears S. 14°00' W., 34 links distant.

A juniper, 5 ins. in diameter, marked T15SR16ES17BT, bears N. 56°30' W., 9 links distant.

Land, steep and rugged mountain slopes, drainage, NE.
 Soil, deep, dark colored mountain loam, 2nd to 4th rates.
 Timber, aspen, Douglas fir, maple, mahogany, and juniper.
 Undergrowth, deer browse, black sagebrush, buck brush, chokecherry, service berry, wild currant, rose bushes, and grass.
 Fair grazing.

40.00

Set a temporary $\frac{1}{4}$ section corner.

79.80

Intersect the north and south line at a point 14 links north of the corner of sections 15, 16, 21, and 22:

Thence:

S. 89°54' W. on true line between sections 16 and 21.

Over mountainous land, through scattering timber and a dense under-

Subdivision of Township 15 South, Range 16 East

Chains

- growth, ascend 20 ft. along a SE. slope.
- 3.50 Top of ascend on a SE. slope, descend 165 ft. along a SW. slope.
- 15.40 Base of descent on a S. slope, ascend 130 ft. along a SE. slope:
- 26.00 Spur, projects N. 85° E. from the SW., descend 495 ft. along a NW. slope.
- 28.40 Sandstone ledge, 140 ft. high, bears N. 15° E. and SW.
- 39.90 Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner with brass cap marked:

S16
 $\frac{1}{4}$ ———
 S21
 1934 from which

- A Douglas fir, 10 ins. in diameter, marked $\frac{1}{4}$ S21BT, bears S. 67°00' W., 31 links distant.
- A Douglas fir, 5 ins. in diameter, marked $\frac{1}{4}$ S16BT, bears N. 47°00' W., 29 links distant.

Ascend 20 ft.

- 45.00 Spur, projects N., descend 1630 ft. along an abrupt NW. slope.
- 79.80 The corner of sections 16, 17, 20, and 21.

Land, rough mountain slopes; drainage, NE.
 Soil, deep, dark colored mountain loam, 2nd to 4th rates.
 Timber, Douglas fir, mahogany, juniper, pinon, and maple.
 Undergrowth, deer browse, buck brush, chokecherry, service berry, black sagebrush, and grass.
 Fair grazing.

N. 0°03' W. between sections 16 and 17.

Over mountainous land, through a heavy growth of timber and a dense undergrowth, descend 200 ft. along a NW. slope.

- 0.20 Sandstone ledge, bears N. 70° W. and S. 70° E.
- 3.70 Fork of Rock Creek, drains NE., stream of good water, 6 links wide and 2 ins. deep in the bottom, ascend 445 ft. along a SE. slope.
- 37.34 On top of a spur projecting NE., and over a cross (X) cut into solid bedrock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

C
 $\frac{1}{4}$ ———
 S17 | S16
 1934 from which,

A pinon, 12 ins. in diameter, marked WC $\frac{1}{4}$ S16BT, bears

Subdivision of Township 15 South, Range 16 East

antian 3

Chains

S. 99°00' E., 36 links distant.

A juniper, 8 ins. in diameter, marked ~~W-1517BT~~, bears S. 40°30' W., 48 links distant.

40.00

Point for the $\frac{1}{4}$ section corner falls upon steep sandstone outcropping where the monument cannot be erected.

Descend 770 ft. along a NW. slope.

65.00

Fork of Rock Creek, drains N. 60° E., small stream of good water in the bottom, ascend 205 ft. along a steep SE. slope over ledges.

69.00

Rock spur, projects SE., descend 20 ft. along a NE. slope.

70.97

On a steep NE. slope on the north side of a rock ledge:

Set an iron post, 3 ft. long and 2 ins. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the witness corner of sections 8, 9, 16, and 17, with brass cap marked:

WC	
T15SR16E	
S8	S9
S17	S16
1942	

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

80.00

Point for the corner of sections 8, 9, 16, and 17 falls upon steeply sloping sandstone bedrock, where the corner monument cannot be erected

Land, rough and broken mountain slopes; drainage, E.
Soil, shallow mountain loam, 3rd rate.
Timber, fir, pine, mahogany, juniper, and pinon.
Undergrowth, sagebrush, bitter brush, buck brush, weeds, and grass.
Fair grazing.

Beginning at the point for the corner of sections 8, 9, 17, and 16:

Thence:

N. 0°03' W. between sections 8 and 9.

Over mountainous land, through scattering timber and a scant undergrowth. Ascend 775 ft. along a SE. slope.

34.80

Ridge, bears N. 80° E., and S. 80° W., descend 75 ft. along a NE. slope.

40.00

On a gentle NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$	
S8	S9
1942	

from which,

Subdivision of Township 15 South, Range 16 East

Chains

A Douglas fir, 24 ins. in diameter, marked $\frac{1}{4}$ S9BT, bears N. 80°45' E., 93 links distant.

A Douglas fir, 6 ins. in diameter, marked $\frac{1}{4}$ S8BT, bears N. 40°15' W., 80 links distant.

Continue along a general E. slope.

45.50 Spur, projects E., descend 975 ft. along a NE. slope.

77.50 Draw, drains NE., small stream of good water in the bottom, ascend 75 ft. along a SE. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 4, 5, 8, and 9, with brass cap marked:

T15SR16E	
S5	S4
1943	

from which,

A Douglas fir, 12 ins. in diameter, marked T15SR16ES9BT, bears S. 52°15' E., 80 links distant.

A Douglas fir, 24 ins. in diameter, marked T15SR16ES8BT, bears S. 51°00' W., 20 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, NE.

Soil, deep, rocky mountain loam, 3rd rate.

Timber, fir, pine, mahogany, aspen, and spruce.

Undergrowth, sagebrush, buck brush, cherry, weeds, and grass.

Good grazing.

N. 0°03' W. on a random line, between sections 4 and 5.

40.00 Set a temporary $\frac{1}{4}$ section corner.

82.20 Intersect the north boundary of the township at a point 33 links west of the corner of sections 4, 5, 32, and 33.

Thence:

S. 0°11' W. on true line between sections 4 and 5.

Over mountainous land, through a medium dense growth of timber and dense undergrowth; ascend 1395 ft. along a steep N. slope.

42.20 On a steep N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner with brass cap marked:

$\frac{1}{4}$	
S5	S4
1942	

from which,

A Douglas fir, 4 ins. in diameter, marked $\frac{1}{4}$ S5BT, bears

Subdivision of Township 15 North, Range 14 East of 2E

enied

Chains

S. 83°30' W., 30 links distant.
A juniper, 3 ins. in diameter, marked BT, only, bears
N. 87°15' E., 39 links distant.

Ascend 675 ft. along a steep N. slope.

64.80 Ridge, bears E. and W., descend 975 ft. along a steep SE. slope over ledges.

70.15 Trail, bears E. and W.

82.20 The corner of sections 4, 5, 8, and 9.

Land, steep and rugged mountain slopes; drainage, SE. and N. from the ridge at the 64.80 chain point.
Soil, light colored, sandy mountain loam, 2nd rate.
Timber, mahogany, fir, pine, and aspen.
Undergrowth, sagebrush, bitterbrush, buck brush, weeds, and grass.
Fair grazing.

Beginning at the corner of sections 19 and 20 on the north boundary of section 30:

Thence:

N. 0°03' W. between sections 19 and 20.

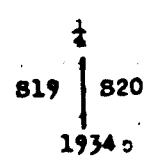
Over rolling mountain top, through scattering timber and a medium dense undergrowth; ascend along a gradual SE. slope.

1.50 Leave mountain top, edge bears E. and W., descend 1210 ft. over a precipitous N. slope.

30.90 Fork of Rock Creek, drains NE., stream of good water 5 links wide and 2 ins. deep in the bottom; ascend 470 ft. along a broken SE. slope to the $\frac{1}{4}$ section corner.

38.00 Sandstone ledge about 25 ft. high, bears NE. and W.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



from which,

A mahogany, 7 ins. in diameter, marked $\frac{1}{4}$ 820BT, bears
S. 52°45' E., 45 links distant.

A Douglas fir, 28 ins. in diameter, marked $\frac{1}{4}$ 819BT, bears
S. 47°00' W., 46 links distant.

Ascend 635 ft. along a rough and broken SE. slope.

70.40 Sandstone ledge, about 100 ft. high, bears NE. and SW.

76.50 Spur, projects NE., descend 20 ft. along a gradual NW. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the

Subdivision of Township 15 South, Range 16 East

Chains

ground, for the corner of sections 17, 18, 19, and 20, with brass cap marked:

T15SR16E	
S18	S17

S19	S20
-----	-----

1934

from which

A Douglas fir, 12 ins. in diameter, marked T15SR16ES17BT, bears N. 47°30' E., 138 links distant.

Annapen, 7 ins. in diameter, marked T15SR16ES20BT, bears S. 52°00' E., 19 links distant.

An aspen, 9 ins. in diameter marked T15SR16ES19BT, bears S. 73°30' W., 35 links distant.

A Douglas fir, 32 ins. in diameter, marked T15SR16ES18BT, bears N. 63°45' W., 135 links distant.

Land, steep mountain slopes; drainage, NE.

Soil, dark colored mountain loam, 3rd rate.

Timber, aspen, mahogany, maple, Douglas and white firs, and pine.

Undergrowth, deer drowse, chokecherry, service berry, willows, black sagebrush, and grass.

Good grazing.

N. 89°59' E. on a random line between sections 17 and 20.

40.00 Set a temporary $\frac{1}{4}$ section corner:

79.90 Intersect the north and south line at a point 5 links north of the corner of sections 16, 17, 20, and 21:

Thence:

N. 89°59' W. on true line, between sections 17 and 20.

Over rough, mountainous land, through a medium heavy growth of timber, and a dense undergrowth; descend 205 ft. along an abrupt NW. slope

3.80 Fork of Rock Creek, drains NE., stream of good water, 6 links wide and 2 ins. deep in the bottom: ascend 1390 ft. along a SE. slope over ledges.

39.95 Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, over a cross (X) cut into solid bedrock, for the $\frac{1}{4}$ section corner, with brass cap marked:

S17

 $\frac{1}{4}$

S20

1934

from which,

A juniper, 10 ins. in diameter, marked $\frac{1}{4}$ S17BT, bears N. 65°00' E., 82 links distant.

A juniper, 12 ins. in diameter, marked $\frac{1}{4}$ S20BT, bears S. 42°00' E., 62 links distant.

Ascend 1015 ft. along an abrupt SE. slope.

75.70 Spur, projects NE., descend along a gradual NW. slope.

Subdivision of Township 15 South, Range 16 East

Chains

79.90

The corner of sections 17, 18, 19, and 20.

Land, steep and rugged mountain slopes; drainage, NE.
Soil, drak colored, sandy, mountain loam, 3rd rate.
Timber, aspen, mahogany, maple, fir, and yellow pine.
Undergrowth, deer browse, chokecherry, service berry, sagebrush, and grass.
Fair grazing.

N. 89°55' W., on a random line between sections 18 and 19.

40.00

Set a temporary $\frac{1}{4}$ section corner.

79.32

Intersect the west boundary of the township at a point 33 links north of the corner of sections 13, 18, 19, and 24:

Thence:

N. 89°51' E. on true line between sections 18, and 19.

Over mountainous land, through scattering timber and a medium dense undergrowth, descend 395 ft. along an abrupt SE. slope.

14.30

Ravine, drains NE., ascend 40 ft. along a gradual NW. slope.

23.90

Spur, projects NE., descend 85 ft. along a SE. slope.

28.30

Ravine, drains NE., small stream of good water in the bottom; ascend 425 ft. along an abrupt W. slope.

39.32

Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

S18

$\frac{1}{4}$

S19

1934

from which,

A Douglas fir, 5 ins. in diameter, marked $\frac{1}{4}$ S19BT, bears S. 47°13' E., 22 links distant

A Douglas fir, 7 ins. in diameter, marked $\frac{1}{4}$ S18BT, bears N. 62°45' W., 30 links distant.

Ascend 80 ft. along a SE. slope.

46.50

Spur, projects N. 10° E., descend 215 ft. along a general E. slope.

53.90

Draw, drains N., ascend 120 ft. over a W. slope.

59.70

Spur, projects N., descend along a NE. slope.

62.00

Draw, drains N., ascend 410 ft. along an abrupt NW. slope, to the corner.

73.10

Ascent becomes more gradual, edge bears NE. and SW.

79.32

The corner of sections 17, 18, 19, and 20.

Land, rough and broken mountain slopes; drainage, NE.
Soil, shallow, dark colored sandy loam, 3rd rate.
Timber, fir, aspen, mahogany, juniper, pinon, and pine.

Chains

Undergrowth, deer browse, chokecherry, service berry, black sagebrush, and grass.
Fair grazing.

N. 0°03' W. between sections 17 and 18.

Over mountainous land, through a medium dense growth of timber and a scant undergrowth; descend 20 ft. along a gradual NW. slope.

2.30 Edge of gradual descent, descend 1670 ft. over an abrupt NW. slope over ledges, edge bears NE. and SW.

3.70 Sandstone ledge, about 200 ft. high, bears N. 75° W. and S. 75° E.

35.70 Fork of Rock Creek, drains N. 70° E., stream of good water in the bottom, ascend 60 ft. along a SW. slope.

40.00 Point for the $\frac{1}{4}$ section corner falls in a small wash draining SW, where it is impracticable to establish the corner monument. Descend 60 ft. over a SW. slope.

44.00 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
S18 | S17
W C
1934

Deposit a sandstone, 6x4x2 ins., marked with a cross (X) at the base of the post.

Ascend 410 ft. along a SW. slope.

54.60 Spur, projects SE. about 3 chains to end, descend 50 ft. along a NE. slope.

64.80 Draw, drains SE., heading about 10 chains to the NW., ascend 845 ft. along a SW. slope over ledges.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 27 ins. in the ground, for the corner of sections 7, 8, 17, and 18, with brass cap marked:

T15SR16E
S7 | S8
S18 | S17
1934

from which,

A pinon, 14 ins. in diameter, marked T15SR16ES8BT, bears N. 16°00' E., 20 links distant.

A juniper, 10 ins. in diameter, marked T15SR16ES17BT, bears S. 68°30' E., 121 links distant.

A Douglas fir, 22 ins. in diameter, marked T15SR16ES18BT, bears S. 11°00' W., 175 links distant.

A pinon, 20 ins. in diameter, marked T15SR16ES7BT, bears N. 38°00' W., 29 links distant.

Chains

Land, mountainous, drainage, NE.
Soil, dark colored, sandy mountain loam, 1st to 4th rates.
Timber, aspen, fir, mahogany, maple, and limber pine.
Undergrowth, deer browse, chokecherry, service berry, black sagebrush,
wild rose, current bushes, and grass.
Good grazing.

S, 89°59' E. on a random line between sections 8 and 17.

40.00 Set a temporary $\frac{1}{4}$ section corner.

79.96 Intersect the north and south line at a point 02 links south of the point for the corner of sections 8, 9, 16, and 17:

Thence:

West, on true line between sections 8 and 17

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 135 ft. along a NE. slope.

5.00 Rock topped spur, projects S. 20° E., descend 465 ft. along a SW. slope over ledges.

27.50 Draw, drains SE., ascend 805 ft. along a rocky NE. slope over ledges.

39.98 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone ledge, where the monument cannot be erected.

48.95 Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

S 8
 $\frac{1}{4}$ ——— WC
S17
1934

from which,

A Douglas fir, 24 ins. in diameter, marked WC $\frac{1}{4}$ S8BT, bears N. 71°45' E., 41 links distant.

A Douglas fir, 9 ins. in diameter, marked WC $\frac{1}{4}$ S17BT, bears S. 35°00' W., 60 links distant.

Ascend 270 ft. along a NE. slope.

56.50 Spur, projects S. about 30 chains to end, descend 145 ft. along a SW. slope.

63.00 Draw, drains SE., ascend 545 ft. along a NE. slope.

78.80 Spur, projects S., descend 25 ft. along a SW. slope.

79.96 The corner of sections 7, 8, 17, and 18.

Land, rough mountain slopes; drainage, NE.
Soil, dark colored sandy mountain loam, 1st to 3rd rates.
Timber, aspen, Douglas and white firs, mahogany, maple, and pine.
Undergrowth, deer browse, chokecherry, service berry, black sagebrush,
wild rose and current bushes, and grass.
Good grazing.

Subdivision of Township 15 South, Range 16 East

Chains

S. 89°51' W. on a random line between sections 7 and 18.

Set a temporary $\frac{1}{4}$ section corner.

Intersect the west boundary of the township at a point 4 links south of the corner of sections 7, 12, 13, and 18:

Thence:

N. 89°53' E. on true line between sections 7 and 18

Over mountainous land, through scattering timber and a medium dense undergrowth, descend 155 ft. along a SE. slope, to the draw.

Four strand, barbed wire fence, bears N. and SE.

Head of draw draining SE., ascend 130 ft. over a W. slope.

Spur, projects S. 15° E. about 20 chains to end, descend along a gradual SE. slope.

Small spring of good water, bears 4.20 chains S. 13° E.

Head of draw draining S., continue descent.

Spur, projects S. about 30 chains to end. continue along a general S. slope.

Stock trail, bears NE. and SW.

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S7
 $\frac{1}{4}$ ———
S18
1934

from which,

A pinon, 7 ins. in diameter, marked $\frac{1}{4}$ S7BT, bears N. 84°00' E., 239 links distant.

A limber pine, 16 ins. in diameter, marked $\frac{1}{4}$ S18BT, bears S. 11°30' E., 150 links distant.

Head of draw draining S., ascend 70 ft. along a SW. slope.

Spur, projects SE. from the N., descend gradually along an E. slope.

Descent becomes abrupt, edge bearing NE. and SW., descend 660 ft. along a SE. slope over ledges.

Head of draw draining SE.

The corner of sections 7, 8, 17, and 18.

Land, rough mountain slopes; drainage, SE.

Soil, shallow, dark colored, sandy mountain loam, 2nd to 4th rates.

Timber, aspen, mahogany, juniper, pinon, and limber pine.

Undergrowth, deer browse, black sagebrush, buck brush, chokecherry and service berry bushes, and grass.

Good grazing.

entire

Chains

N. 0°03' W. between sections 7 and 8

Over rough, mountainous land; through a medium dense growth of timber and a medium dense undergrowth; ascend 500 ft. along an abrupt SW. slope.

16.50 Spur, projects S. 80° E., descend 35 ft. along a gradual N. slope.

20.30 Swale, drains N. 80° E., ascend along a gradual S. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock; and in a mound of stone, for the $\frac{1}{2}$ section corner, with brass cap marked:

87 | 88

1934

Deposit a sandstone rock, 6x5x1 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

44.00 Top of ascent, bears E. and W., descend 215 ft. along a gradual NW. slope to the draw.

64.70 Stock trail, bears NE. and SW.

66.30 Draw, drains E. from the SW., descend 120 ft. along a SE. slope.

77.20 Spur, projects N. 60° E., descend 25 ft. along a NW. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 5, 6, 7, and 8, with brass cap marked:

T15SR16E

S6 | S5

S7 | S8

1934

Cut a cross (X) in bedrock at the exact corner point.

Land, rolling mountain slopes; drainage, E.
Soil, shallow, dark colored, sandy mountain loam, 1st to 4th rates.
Timber, aspen, fir, mahogany, juniper, pinon, and yellow pine.
Undergrowth, black sagebrush, deer browse, chokeberry, service berry, and grass.
Fair grazing.

East, on a random line, between sections 5 and 8.

40.00 Set a temporary $\frac{1}{2}$ section corner.

79.96 Intersect the north and south line at a point .09 links north of the corner of sections 4, 5, 8, and 9:

Thence:

N. 89°56' W. on true line, between sections 5 and 8.

Subdivision of Township 19 South, Range 16 East

Chains

Over mountainous land, through scattering timber and a medium dense undergrowth; ascend 810 ft. along a SE. slope.

34.80 Rim of bench, bears NE. and SW., continue along a gentle S. slope.

39.98 On a S. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S5

$\frac{1}{4}$

S8

1942

from which,

An aspen, 6 ins. in diameter, marked $\frac{1}{4}$ S8BT, bears S. $24^{\circ}45'$ E., 348 links distant.

No other suitable tree available for marking.

Ascend along a gentle SE. slope.

57.60 Foot of steep ascent, bears NE. and SW., ascend 350 ft. along a SE. slope.

76.40 Ridge, bears NE. and SW., descend 20 ft. along a NW. slope.

79.96 The corner of sections 5, 6, 7, and 8.

Land, rough and broken mountain slopes; drainage, E.

Soil, rocky mountain loam, 3rd rate.

Timber, mahogany, aspen, fir, and pine.

Undergrowth, sagebrush, buck brush, sun flower, weeds, and grass.

Fair grazing.

S. $89^{\circ}53'$ W., on a random line, between sections 6 and 7.

40.00 Set a temporary $\frac{1}{4}$ section corner.

82.12 Intersect the west boundary of the township at a point 12 links south of the corner of sections 1, 6, 7, and 12:

Thence:

N. $89^{\circ}58'$ E. on true line between sections 6 and 7.

Over mountainous land, through scattering timber and a scant undergrowth descend 525 ft. along a SE. slope.

22.10 Ravine, drains NE., stream of good water, 2 links wide and 2 ins. deep in the bottom; ascend 15 ft. along a gradual NW. slope.

24.60 Spur, projects N. about 4 chains to end, descend 30 ft. along a NE. slope

26.00 Ravine, drains N. 15° W., ascend 445 ft. over a W. slope.

42.12 Set an iron post, 3 ft. long and 1 in. in diameter, 27 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

SQ1

Subdivision of Township 15 South, Range 16 East

Chains

S6

$\frac{1}{4}$

S7

1934

from which,

An aspen, 8 ins. in diameter, marked $\frac{1}{4}$ S7BT, bears S. $11^{\circ}45'$ E., 27 links distant

An Englemann spruce, 5 ins. in diameter, marked $\frac{1}{4}$ S6BT, bears N. $30^{\circ}45'$ W., 19 links distant.

- 55.50 Top of ascent on a N. slope; descend 30 ft. along a NE. slope.
65.90 Draw, drains N., ascend 155 ft. along a NW. slope.
82.12 The corner of sections 5, 6, 7, and 8.

Land, rolling mountain top, drainage, NE.
Soil, dark colored, sandy mountain loam, 1st to 4th rates.
Timber, aspen, mahogany, fir, and spruce.
Undergrowth, black sagebrush, deer browse, chokecherry, service berry, wild currant, and grass.
Good grazing.

N. $0^{\circ}11'$ E. on a random line between sections 5 and 6.

- 40.00 Set a temporary $\frac{1}{4}$ section corner.

- 82.27 Intersect the north boundary of the township at a point 02 links east of the corner of sections 5, 6, 31, and 32:

Thence:

S. $0^{\circ}10'$ W., on true line, between sections 5 and 6.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 325 ft. along a SW. slope over ledges.

- 9.90 Draw, drains S. 20° E., continue along a general E. slope.

- 32.27 On top of a spur projecting SE.:

Set an iron post, 3 ft. long and 1 in. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$
S6 | S5
W C
1942

Deposit a sandstone rock, 7x7x6 ins., marked with a cross (X) at the base of the post.

Descend 625 ft. along a steep SE. slope over ledges.

- 42.27 Point for the $\frac{1}{4}$ section corner falls in the bottom of a steep and rocky draw draining NE., where the monument cannot be erected. Ascend 1475 ft. along a broken NE. slope over ledges.

- 72.00 Edge of bench, bears NE. and SW., continue along a NW. slope.

Subdivision of Township 15 South, Range 16 East

Chains

82.27 The corner of sections 5, 6, 7, and 8.

Land, rough and broken mountain slopes; drainage, NE.
Soil, deep and rocky mountain loam, 3rd rate.
Timber, mahogany, fir, pine, and aspen.
Undergrowth, sagebrush, buck brush, weeds, and grass.
Fair grazing.

General Description

The area covered by that part of the township surveyed lies on the east side of the West Tavaputs Plateau, along the breaks of the Green River. It varies in elevation from about 5000 to 10000 feet above sea level. The land is very rough, and is cut by numerous, deep, steep sided, box canyons draining eastward into the Green River. The walls of the canyons are formed by a series of sandstone ledges from a few feet to several hundred feet, or more, in height. The three major canyons are Three Canyon Draw, in the extreme south; Snap Canyon in the central part of the township; and Rock Creek, in the north. All of these head near the west boundary, and drain eastwardly into the Green River. Three Canyon Draw and Snap Canyon, both have small intermittent streams of good water in the bottom, and Rock Creek has fairly large streams of very good water in all of the larger forks. On the east boundary of the township both of the major forks of Rock Creek have streams about ten links wide and 6 or 8 inches deep. In the heads of most of the draws are small seeps of good water.

The soil is a loose, dark colored, mountain loam, from a few inches to 5 and 6 feet deep. On the slopes there is a considerable amount of rock mixed into the soil, while on the tops, and in the larger draws the soil is fairly free from rock and gravel, and contains a large amount of humus. It ranges from 4th rate on the slopes to 1st rate on the level stretches.

The greater part of the timber is dwarf juniper and pinon pine of no commercial value. On the higher elevations are quite heavy stands of spruce, fir, Douglas fir, yellow pine, and mahogany. There are also a few of the Ponderosa pine. Because of the remoteness of the area none of the timber will have any value except for the construction of cabins and fences on the land.

The undergrowth consists mainly of sagebrush, weeds, and grass, with chokecherry, service berry, deer browse, and oak brush on the slopes. On the tops will be found an extensive stand of grass. The area has been heavily grazed in the past, and is still being used heavily.

In the north-east quarter of section 8 are the holdings claimed by John Downard of Price, Utah. They consist of a well constructed log cabin, about 10x14 feet, a circular log corral, and a small garden patch. Downard has also improved several springs, one of these is located about 50 feet northwest of the cabin, and the water is piped to a large trough for stock, and is also used in the garden. There are no areas of any size which might be cultivated.

The nearest town is Sunnyside, Utah, about twentyfive miles to the west, and reached only by horse.

No evidence of any commercial deposits of mineral were encountered.

4-280
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Elmo Sager	Principal Assistant
Earl G. Reese	Principal Assistant
Harold S. Happler	Principal Assistant
Bert Madsen	Chairman
Quentin Gardner	Chairman
Howard Johnson	Chairman
Rivers Y. Gray Jr.	Chairman
Emmett FitzGerald	Flagman
Kenneth Pederson	Flagman
Ronald D. Clark	Flagman
Richard L. Beck	Cornerman
John M. Oldroyd	Cornerman
Clifford Mauss	Axeman
James B. Ollerton	Axeman
Jack Drake	Axeman
Lloyd Evans	Axeman
J.E. Ned Johnson	Axeman
Edgar B. Hayes	Axeman
Richard Goffe	Axeman
Joseph Bringham	Axeman

CERTIFICATE OF SURVEYOR

~~I~~ We, J.C. Clark and Robert C. Yundt, HEREBY CERTIFY upon honor that, pursuant to special instructions bearing date of the 17th day of May, 1932, received from the district cadastral engineer for Utah, with assignment of July 5, 1934 and June 17, 1942, instructions dated Sept. 11, 1939 ~~We~~ have ~~surveyed~~ made a dependent resurvey of portions of the south and west boundaries and the subdivision, independent resurvey of the eastern part of the south boundary, and original survey of the east and north boundaries and part of the subdivision, extending the subdivision of T. 15 S., R. 16 E. of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~us~~ and under ~~our~~ direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah,
April 7, 1943

Joseph C. Clark
Assistant Cadastral Engineer
Robert C. Yundt
(Formerly Surveyor)
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Office of Chief Cadastral Engineer,
~~Office of Supervisor of Surveys~~

Denver, Colorado, October 22, 1946.

The foregoing field notes of the ~~survey of~~ dependent resurvey of portions of the south and west boundaries and the subdivision, independent resurvey of the eastern part of the south boundary, and original survey of the east and north boundaries and part of the subdivision, extending the subdivision of T. 15 S., R. 16 E. executed by J.C. Clark and Robert C. Yundt, Assistant Cadastral Engineers under special instructions dated May 17, 1932 and assignment of June 17, 1942 instructions dated July 5, 1934, Sept. 11, 1939 and / having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Acting Chief Cadastral Engineer.

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY~~ that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes on file in the public survey office.

~~Supervisor of Surveys.~~

B

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 15 1942
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

FIELD NOTES

of the

Survey of a Portion of the Subdivisional Lines

and the

Meanders of the Right Bank of Green River in Sections 7 and 8

of

Township 15 South, Range 17 East

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Robert G. Yundt,
Assistant Cadastral Engineer

Under special instructions dated April 4, 1942, which provided
for the surveys included under Group No. 228-Utah, bearing the approval of the
Commissioner of the General Land Office under date of April 14, 1942
and assignment instructions dated June 10, 1942.

Survey commenced August 19, 1942

Survey completed September 1, 1942

INDEX DIAGRAM.

Township 15 South, Range 17 East

6	5	4	3	2	1
5	4				
7	3	9	10	11	12
1	2				
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Township 15 South, Range 17 East

to (Y)

The survey was commenced August 19, 1942 and was executed with Buff and Buff solar transit number 9799. The horizontal plate of this instrument is provided with two double verniers, placed opposite to each other and graduated to single minutes of arc. It has a full vertical circle provided with one double vernier, likewise graduated to single minutes of arc. The instrument is equipped with an improved Smith solar attachment, but since the attachment was not used, no description of it will be given in the notes. The transit was in good condition and was approved for use on this work by the District Cadastral Engineer in assignment instructions dated June 10, 1942, conditional upon satisfactory field tests. Prior to the beginning of the field work, these tests were made and the instrument found to be free from error. It was maintained in good adjustment during the survey.

The measurements were made with Lallie steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slopes, the vertical angles determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which are used in the notes.

The data furnished with the special instructions indicates that the geographic position of the north-west corner of the township is as follows: Latitude, $38^{\circ}33.2' N.$, longitude, $110^{\circ}04' W.$ Latitude observations, made upon the sun during the survey, check this value.

The bearings of the lines of the survey were determined by reference to meridians established on line by observations made upon Polaris. The lines were carried forward as transit lines, taking the mean of direct and reversed sights at each instrument station, and checking the bearings by subsequent observations.

Because of the extremely rough character of the country, the surveys in this township were limited to the portion on the west side of the Green River necessary to identify the Downard Ranch holdings.

Beginning at the corner of sections 7, 12, 13, and 18, T. 15 S., Rs. 16 and 17 E., marked by an iron post, 2 ins. in diameter, firmly set, properly marked and witnessed as described in the official record

Thence:

East, on true line, between sections 7 and 18.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 1985 ft. along a steep and broken SE. slope over small spurs and washes putting SE.

39.60

Making an allowance of 40 links for convergency: Point for the $\frac{1}{4}$ section corner falls upon steeply sloping bedrock, where the monument cannot be erected. Continue descent along a SE. slope.

48.72

On a steep SE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a large mound of stone, for the witness corner to the $\frac{1}{4}$ section corner, with brass cap marked:

S7
WC $\frac{1}{4}$ ———
S18
1942

Subdivision of Township 15 South, Range 17 East

Chains

Deposit a sandstone rock, 5x3 ins., marked with a cross (X) at the base of the post.

Descend 350 ft. along a broken SE. slope.

68.10

Leave mountainous land, edge bears NW. and SW., enter bottom land of the Green River.

79.60

On a gentle E. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, at the corner of sections 7, 8, 17, and 18, with brass cap marked:

T15S R17E	
S7	S8
S18	S17
1942	

Raise a mound of stone, 3 ft. base and 2 ft. high, west of the post

Land, rough and broken mountain slopes in the west, and flat bottom land in the east.

Soil, shallow rocky loam in the west, and deep sand in the bottom, 3rd rate.

Timber, dwarf juniper and pinon, in the west; cottonwood and willows in the east.

Poor grazing.

Undergrowth, sagebrush, bitterbrush, willows, and tamarack.

East, on true line between sections 8 and 17.

Over bottom land of the river, through a scant undergrowth; descend 25 ft. along an E. slope.

4.20

Calf Creek, drains N. 15° E.

22.39

Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 28 ins. in the ground, at the meander corner of sections 8 and 17, with brass cap marked:

T15S	
S8	
MC	
S17	
R17E	
1942	

Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.

Land, bottom land of the river.

Soil, deep silt, 2nd rate.

Timber, cottonwood.

Undergrowth, willows, tamarack.

Poor grazing.

Chains

Undergrowth, willows and tamarack along the river, and sagebrush, bitter brush, weeds, and grass on the slopes.
Poor grazing.

Beginning at the corner of sections 5, 6, 7, and 8:

Thence:

East, on true line, between sections 5 and 8.

Over mountainous land, through scattering timber and a scant undergrowth; descend 635 ft. along a broken NE. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, at the $\frac{1}{4}$ section corner, with brass cap marked:

$$\begin{array}{r} S5 \\ \frac{1}{4} \\ \hline S8 \\ 1942 \end{array}$$

from which,

A juniper, 12 ins. in diameter, marked $\frac{1}{4}$ S5BT, bears N. $30^{\circ}15'$ W., 45 links distant:

No other suitable tree available for marking.

Descend 250 ft. along a NE. slope.

49.00 Leave mountainous land, edge bears NW. and SE., thence across bottom land of Rock Creek.

54.00 Irrigation ditch, drains SE., at the edge of cultivated land bearing NW. and SE., thence across cultivated land.

59.00 Rock Creek, drains E., stream of good water, 10 links wide and 12 ins. deep, continue along creek bed.

64.10 Leave creek bed, drains N. 70° E., continue over level land.

67.78 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, at the meander corner of sections 5 and 8, with brass cap marked:

$$\begin{array}{r} T15S \\ S5 \\ \hline S8 \\ R17E \\ 1942 \end{array} \quad \begin{array}{l} \\ \\ MC \end{array}$$

Deposit a cobblestone, 5x4x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes in the west, and level land in the east.

Soil, shallow mountain loam in the west, and deep sandy loam in the east, 1st and 3rd rates.

Timber; dwarf juniper and pigeon on the slopes; cottonwood in the east. Undergrowth, sagebrush, bitter brush, mountain rush, weeds, and grass. Poor grazing.

Subdivision of Township 15 South, Range 17 East

Chains

Beginning at the corner of sections 7, 8, 17, and 18:

Thence:

N. 0°03' W. between sections 7 and 8.

Over river bottom land, through widely scattered timber and a scant undergrowth., descend 20 ft. along a NE. slope.

22.39

Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 28 ins. in the ground, at the meander corner of sections 7 and 8, with brass cap marked:

MC
S7 | S8
T15SR17E
1942

Raise a mound of stone, 3 ft. base and 2 ft. high south of the post

Thence across bend in Green River:

44.24

Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, at the meander corner of sections 7 and 8, with brass cap marked:

T15SR17E
S7 | S8
MC
1942

Deposit a cobblestone, 3 ins. in diameter, marked with a cross (x) at the base of the post.

Thence across bottom land sloping S.

57.00

Leave bottom land, edge bears NE. and SW., ascend 805 ft. along a broken S. slope over ledges.

79.84

On a narrow spur projecting S. 80° E. from S. 80° W.:

Set an iron post, 3 ft. long and 2 ins. in diameter, 10 ins. in the ground to solid rock, and in a large mound of stone, for the witness cor. to the corner of sections 5, 6, 7, and 8, with brass cap marked:

WC
T15SR17E
S6 | S5
S7 | S8
1942

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

80.00

The corner of sections 5, 6, 7, and 8 falls upon a steep N. slope, where the monument cannot be erected.

Land, river bottom in the south, and steep and rugged slopes in the north.

Soil, deep silt in the bottom land, and shallow mountain loam on the slopes, 2nd and 3rd rates.

Timber, cottonwood along the river, dwarf juniper and pigeon on the slopes.

Subdivision of Township 15 South, Range 17 East

Chains

Beginning at the corner of sections 5, 6, 7, and 8:

Thence:

West, on a random line, between sections 6 and 7.

40.00 Set a temporary $\frac{1}{4}$ section corner.

79.40 Intersect the west boundary of the township at a point 30 links south of the witness post of the corner of sections 1, 6, 7, and 12, and 07 links south of that corner position:

Thence:

S. 89°57' E. on true line, between sections 6 and 7.

Over mountainous land, through scattering timber and a medium dense undergrowth; descend 665 ft. along a broken NE. slope over ledges.

39.40 On a rocky NE. slope: Over a cross (X) cut in solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, 4 ins. in the ground to solid rock and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$$\begin{array}{r} 86 \\ \frac{1}{4} \text{ ---} \\ 87 \\ 1942 \end{array}$$

Descend 325 ft. along a NE. slope.

79.40 The corner of sections 5, 6, 7, and 8.

Land, rough and broken mountain slopes, NE. exposure and drainage.
Soil, shallow rocky mountain loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, sagebrush, bitter brush, weeds, and grass.
Poor grazing.

Meanders of the Right Bank of Green River

Beginning at the meander corner of sections 8 and 17, on the right bank of Green River:

Thence, with meanders in section 8, upstream.

Along a gently sloping bank; scant undergrowth.

N. 35°45' W., 9.10 chains

N. 48°45' W., 20.10 chains- At 10.50 chains on this course is the mouth of Galf Canyon, from the SW.

N. 35°30' W., 1.10 chains

N. 58°05' W., 1.88 chains- To the meander corner of sections 7 and 8, at 22.39 chains N. 0°03' W. between those sections.

Land, river bottom, nearly level.
Soil, deep, rocky alluvial, 2nd rate.

Meanders of the Right Bank of Green River

Chains

Timber, few scattered cottonwood.
Undergrowth, willows and tamarack.
Poor grazing.

Thence in section 7.

Along a cut bank about 5 ft. high; scant undergrowth.

N. 44°00' W., 14.70 chains At 3.00 chains on this course a small draw enters the river from the SW.

N. 25°00' E., 1.60 chains

N. 24°00' E., 8.60 chains

N. 71°55' E., 6.33 chains- To the meander corner of sections 7 and 8, at 44.24 chains N. 0°03' W. between those sections.

Land, nearly level bottom land.
Soil, deep rocky alluvial.
Timber, few scattered cottonwood.
Undergrowth, willows and tamarack.
Poor grazing.

Thence in section 8.

Along a sloping bank about 3 ft. high; scant undergrowth.

N. 82°00' E., 1.30 chains

N. 72°30' E., 14.60 chains- At 8.20 chains on this course a small draw enters the river from the north, and At 10.50 chains on this course the line follows along the cultivated area to the left.

N. 88°30' E., 11.69 chains

N. 80°00' E., 15.50 chains

East, 6.40 chains

N. 60°00' E., 15.80 chains

N. 38°15' E., 9.60 chains

N. 19°00' E., 6.20 chains

N. 12°30' E., 2.60 chains

N. 17°00' W., 3.40 chains

N. 34°00' W., 1.21 chains

N. 62°15' W., .32 chains- To the meander corner of sections 5 and 8.

Land, nearly level bottom.
Soil, deep alluvial, 1st rate.
Timber, few scattered cottonwood.
Undergrowth, willow and tamarack in narrow fringe along bank.
Poor grazing.

General Description

The land in that part of the township covered by the survey is the very rugged country along the west side of the Green River, and is characterized by steep, rocky slopes and short, steep box canyons. Along the river itself is a narrow strip of nearly flat bottom land.

The soil varies from river silt in the bottom of the river bed to a thin layer of light colored mountain loam on the slopes of the hills. the soil may be classed as from 1st to 4th rates.

The timber along the river is mainly scattered cottonwood, and on the mountainous part of the township, dwarf juniper and pinon. In the highest reaches are a few pine, fir, and spruce. None of the timber has any commercial value.

The bottom lands are covered by a scant to medium dense growth of sagebrush, greasewood, yellow top, with willows and tamarack in a narrow fringe along the river. Higher up may be found sagebrush, bitter brush, mountain rush, weeds, and grass. The undergrowth is in general scanty, and has been overgrazed.

Along the right bank of the river in section 8 are located the holdings of Leulla Downard. They consist of a cultivated area of about 80 acres, a three room stone house, corrals, coops, barn, stackyard, and a small orchard. Ample water for the ranch is secured from Rock Creek, and is brought from the creek in a large ditch. The place was occupied by the Downards at the time of the survey. The ranch is in an isolated spot, and can be reached only by saddle horse. There are two trails, the first, from Sunnyside, Utah, comes down Rock Creek, and the second, from Woodside, Utah, comes up the Green River, by way of Range Creek.

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF SURVEYOR

I, Robert C. Yundt, HEREBY CERTIFY upon honor the
pursuance of special instructions bearing date of the 4th day of April, 1942,
received from the district cadastral engineer for Utah, with assigned
instructions dated June 10, 1942, I have surveyed a portion of the subdivisional
lines and the meanders of the right bank of Green River in sections 7 and 8, of
township 15 south, range 17 east-

of the Salt Lake Meridian, in the State of Utah, which are
represented in the foregoing field notes as having been executed by me and under my direction; and that said
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
Salt Lake City, Utah, February 23, 1945

Robert C. Yundt
Robert C. Yundt
Associate Cadastral Engineer
Formerly Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Office of Chief Cadastral Engineer
~~CHIEF OF BUREAU OF LAND SURVEY~~

Denver, Colorado, November 13, 1946.

The foregoing field notes of the survey of a portion of the subdivisional lines and the
meanders of the right bank of Green River in sections 7 and 8, of township 15 south,
range 17 east, Salt Lake Meridian, Utah

executed by Robert C. Yundt, Associate Cadastral Engineer
under special instructions dated April 4, 1942, and assignment
instructions dated June 10, 1942, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

[Signature]
Acting Chief Cadastral Engineer

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

[Signature]
Supervisor of Surveys